



Rocky Flats Site

Quarterly Report of Site Surveillance and Maintenance Activities Second Quarter Calendar Year 2007

October 2007



U.S. Department
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**U.S. Department of Energy
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Work performed by S.M. Stoller Corporation under DOE Contract No. DE-AC01-02GJ79491 for the U.S. Department of Energy Office of Legacy Management, Grand Junction, Colorado.

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Acronyms and Abbreviations

Ag	silver
Am	americium-241
AOC	Area of Concern
Be	beryllium
BMP	best management practice
CAD/ROD	Corrective Action Decision/Record of Decision
CAS	Chemical Abstracts Service
Cd	cadmium
CD	compact disk
CDPHE	Colorado Department of Public Health and Environment
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 USC 9601, et seq.)
CFA	Core Function Analyses
COU	Central Operable Unit
Cr	chromium
CY	calendar year
DER	duplicate error ratio
DG	Discharge Gallery
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
ETPTS	East Trenches Plume Treatment System
FC	Functional Channel
GIS	Geographic Information System
GPS	global positioning system
GWIS	ground water intercept system
Hg	mercury
HR ICP/MS	high-resolution inductively coupled plasma/mass spectrometry
IHSS	Individual Hazardous Substance Site
IM/IRA	Interim Measure/Interim Remedial Action
IMP	Integrated Monitoring Plan
ITPH	Interceptor Trench Pump House
ITS	Interceptor Trench System
JSA	Job Safety Analyses
LANL	Los Alamos National Laboratory
LM	Office of Legacy Management
MG	million gallons
mg/L	milligrams per liter
M&M	Monitoring and Maintenance
MSPTS	Mound Site Plume Treatment System
OLF	Original Landfill
OU	Operable Unit
pCi	picocurie
pCi/L	picocuries per liter
PLF	Present Landfill
PLFTS	Present Landfill Treatment System
PMJM	Preble's meadow jumping mouse

POC	Point of Compliance
POE	Point of Evaluation
POU	Peripheral Operable Unit
PQL	practical quantitation limit
Pu	plutonium-239,240
QA	quality assurance
RCRA	Resource Conservation and Recovery Act (42 USC 6901, et seq.)
RFCA	Rocky Flats Cleanup Agreement
RFETS	Rocky Flats Environmental Technology Site
RFLMA	Rocky Flats Legacy Management Agreement
RFS	Rocky Flats Site
RFSOG	Rocky Flats Site Operations Guide
RI/FS	Remedial Investigation/Feasibility Study
RPD	relative percent difference
SED	Sitewide Ecological Database
SEEPro	Site Environmental Evaluation for Projects
SID	South Interceptor Ditch
Site	Rocky Flats Site
SPPTS	Solar Ponds Plume Treatment System
SVOC	semivolatile organic compound
TIMS	thermal ionization mass spectrometry
TSS	total suspended solids
µg/L	micrograms per liter
U	uranium
USFWS	U.S. Fish and Wildlife Service
VOC	volatile organic compound
WQCC	Water Quality Control Commission

Executive Summary

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) is responsible for implementing the final response action selected in the Final Corrective Action Decision/Record of Decision (CAD/ROD) (DOE 2006g) issued September 29, 2006, for the Rocky Flats Site. DOE, the U.S. Environmental Protection Agency, and the Colorado Department of Health and the Environment have chosen to implement the monitoring and maintenance requirements of the CAD/ROD under and as described in the Rocky Flats Legacy Management Agreement (RFLMA; DOE 2007c). Attachment 2 to the RFLMA defines what monitoring and maintenance is required, the frequency for each required activity, and the monitoring and maintenance locations. The requirements include environmental monitoring; maintenance of the erosion controls, landfill covers, dams, and ground water treatment systems; and operation of the ground water treatment systems.

The Rocky Flats Site Operations Guide (RFSOG; DOE 2007b), prepared by DOE-LM, serves as the primary document to guide work at the Site. The RFSOG provides details on the surveillance and maintenance needed to satisfy the requirements of RFLMA as well as best management practices at the Site.

This report addresses all surveillance and maintenance activities conducted at the Site during the second calendar quarter of 2007 (April 1 through June 30).

Highlights of the surveillance and maintenance activities include:

- Routine pond operations and management;
- Maintenance and inspection of the Original and Present Landfills;
- Maintenance and inspection of the four ground water treatment systems;
- Erosion control and revegetation activities;
- General Site maintenance and operations including road upgrades, Site boundary surveys, aerial photography, fence maintenance/construction, and Site security;
- Non-routine (project-specific) and routine (per RFLMA and the RFSOG) water monitoring;
- Ecology activities; and
- RFLMA ecological sampling.

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1.0 Introduction

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) is responsible to implement the final response action selected in the Final Corrective Action Decision/Record of Decision (CAD/ROD) (DOE 2006g) issued September 29, 2006, for the Rocky Flats Site. Prior to the CAD/ROD, cleanup and closure activities were completed in accordance with the requirements of the Rocky Flats Cleanup Agreement (RFCA) (CDPHE et al. 1996). Under the CAD/ROD, two Operable Units (OUs) were established within the boundaries of the Rocky Flats property: the Peripheral OU (POU) and the Central OU (COU). The COU consolidates all areas of the site that require additional remedial/corrective actions, while also considering practicalities of future land management. The POU includes the remaining, generally unimpacted portions of the site, and surrounds the COU. The response action in the final CAD/ROD is no action for the POU, and institutional and physical controls with continued monitoring for the COU.

The *Rocky Flats Legacy Management Agreement* (RFLMA), signed March 14, 2007, superseded RFCA. RFLMA is a Federal Facility Agreement and Consent Order under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), and Colorado Hazardous Waste Act, between DOE, the U.S. Environmental Protection Agency (EPA) Region 8, and the Colorado Department of Public Health and Environment (CDPHE). The purpose of RFLMA is to establish the regulatory framework for implementing the CAD/ROD final response action and ensuring that it remains protective of human health and the environment. The monitoring, surveillance, and maintenance activities for which quarterly, annual, and 5-year review reports are issued are included in RFLMA Attachment 2, “Legacy Management Requirements.”

This report describes surveillance, environmental monitoring, maintenance, and associated operations that were conducted during the period April 1 through June 30, 2007 (second quarter of calendar year [CY] 2007). This report also includes the results of the first full quarter of surveillance (including water monitoring) and maintenance activities that were conducted under the CAD/ROD and RFLMA. These surveillance and maintenance requirements include environmental monitoring; maintenance of the erosion controls, access controls (fences), landfill covers, dams, and ground water treatment systems; and operation of the ground water treatment systems. This report discusses all data evaluation required by the RFLMA (DOE 2007c). Environmental data collection and evaluation no longer follows the RFCA Integrated Monitoring Plan (IMP, DOE 2006e, 2006f).

1.1 Purpose and Scope

This report is required by Section 7.0 of Attachment 2 to RFLMA. The purpose of this report is to inform the regulatory agencies and stakeholders regarding the surveillance, monitoring, and maintenance activities being conducted at the Site. DOE-LM provides periodic communications such as this report and through other means such as web-based tools and public meetings.

This report focuses on routine surveillance, maintenance, and monitoring activities that were conducted during the second quarter of CY 2007.

1.2 Background

Surveillance, maintenance, and monitoring activities are conducted according to RFLMA. RFLMA references applicable operational, monitoring, and maintenance plans for the landfills, ground water treatment systems, and ponds. Plans applicable to this report and referenced in the *Rocky Flats Site Operations Guide* (RFSOG) include:

- *Operations and Maintenance Plan for Rocky Flats Surface Water Control Project* (DOE 2007f)—in production;
- *Operations and Maintenance Manual for the Rocky Flats Ground Water Plume Treatment Systems* (DOE 2007e);
- *Final Landfill Monitoring and Maintenance Plan, Rocky Flats Environmental Technology Site, Original Landfill* (DOE 2006b);
- *Present Landfill Monitoring and Maintenance Plan and Post-Closure Plan* (DOE 2006c);
- *Rocky Flats Site, Colorado, Revegetation Plan* (DOE 2005b);
- *Rocky Flats Site Erosion Control Guidelines* (DOE 2006a);
- *Rocky Flats, Colorado, Site Vegetation Management Plan* (DOE 2005c);
- *Ecological Monitoring Methods Handbook* (DOE 2007h); and
- *Annual Rocky Flats Site Ecological Field Sampling Plan* (DOE 2007g).

1.3 Data Management

1.3.1 Water Data

Data from samples submitted to an analytical laboratory are received as both hard copy and as an electronic data deliverable. The electronic data are loaded into an Oracle-based relational database. The environmental monitoring data are accessible using the Site Environmental Evaluation for Projects (SEEPro) application. The hard-copy analytical reports are archived in the Site records library in Grand Junction, Colorado, along with the original field data forms and other relevant hard-copy forms or documents containing project data. Well construction and lithology logs are maintained for previously drilled wells and are produced for all new wells drilled. These logs are archived in the Site records library and can also be accessed electronically via the SEEPro database and the Geospatial Environmental Mapping System.

SEEPro uses Oracle® software for data management and Microsoft® Access for data retrieval and display. It compiles water quality, air quality, field parameter, sample tracking, sample location, and water level data for ground water, surface water, boreholes, soils, and sediment samples. Field parameter data include such information as sample location, sample date, pH, turbidity, conductivity, and temperature. Chemical information (Chemical Abstracts Service [CAS] registry numbers, analytical results, and detection limits) is also included. Specific procedures for verification of database information received from subcontractors, or input directly into SEEPro, are followed. These procedures provide quality assurance (QA) documentation, which ensures that available data have been incorporated and entered or uploaded properly into SEEPro. Data integrity is maintained with standardized error checking

routines used when loading data into SEEPro. Other procedures address database system security and software change control.

The Rocky Flats Site (RFS) field data are entered through the FieldPar field data entry system. This system is a data entry module that is compatible with the SEEPro database, and is used in the office by field personnel. Data entered into FieldPar are verified by the sampler before loading into the main SEEPro database.

Spatial information for air and water data features is located in the LM Geographic Information System (GIS) database. Some of the data features included are monitoring locations, potentiometric surfaces, plume configurations, streams/creeks, lakes/ponds, topographic contours, and historic RFS facilities. This system uses an ESRI® ArcGIS™ suite of software to store and present data. Automated monitoring locations and other sample location data features are derived from location information stored in the SEEPro database.

1.3.2 Ecology Data

Ecological data have been collected at the Site for many years. Since the early 1990s ecological data have been kept in electronic files for easier access, retrieval, and analysis. In the mid-1990s, the Sitewide Ecological Database (SED) was established as a master dataset for the various types of ecological data collected at the Site. The SED is a Microsoft Access® database that contains all quality-assured ecological data for the Rocky Flats Environmental Technology Site (RFETS) from early 1993 through the end of 2001. Data that did not meet the QA objectives are not included in the database. Ecology data in the SED include vegetation monitoring, weed control and controlled burn vegetation monitoring, wildlife surveys (including birds, small mammals, frogs, insects, and fish), Preble's meadow jumping mouse (PMJM) habitat characterization and telemetry tracking, a small amount of soil characterization survey data (for revegetation issues), and a few other types of ecological data. The SED does not contain data on potential contaminants nor is it linked to any GIS or other spatial tool. The data in the SED are primarily observational or catch-and-release; they are considered raw data taken directly off of field logbooks and datasheets. The SED is not intended as a reference for the lay-person. It is a repository of quality-assured raw field data collected by Site ecologists and cannot be taken out of context of the methods used to collect the data. Data collection methods are not stored in the database, they are described in reports and field sampling plans.

From 2002 to the present, the ecology data have been stored as separate datasets by sample type, event, and year. Depending on the dataset, the data may be in a Microsoft Access® database or in a Microsoft Excel® spreadsheet format. The nonspatial electronic ecology data are stored on the Robin server at the RFS in Westminster, Colorado, or on backup electronic media.

Spatial ecology data for the RFS are available for several data types and are stored in the GIS on the Gull server in Grand Junction, Colorado. The types of ecological spatial data that are available include annual weed distribution data (for select species), annual weed control locations, biocontrol release locations, vegetation and wildlife monitoring locations (transect end points and sample points), vegetation community classifications, PMJM habitat, wetland locations, wildfire/prescribed burn locations, PMJM and wetland mitigation work, and rare plant locations. These data are available in various ArcGIS® compatible formats. In addition to these types of spatial data, orthorectified aerial and satellite imagery is also available for the Site for different timeframes, including pre- and post-Closure.

End of current text

2.0 Site Operations and Maintenance

2.1 Pond Operations

During the second quarter of CY 2007, the Site performed one pond water transfer/discharge (Table 2–1). The locations of the ponds and drainage features are presented on Figure 3–1. As of June 30, 2007, Ponds A-3, A-4, B-5, and C-2, and the Landfill Pond were holding approximately 35.6 million gallons (MG) (35.9 percent of total capacity [99 MG]).

Table 2–1. First Quarter of CY 2007 Pond Water Transfers/Discharges

Discharge/Transfer	Dates	Volume (MG)
Pond A-3 to A-4	4/25–5/4/07	7.47

Monthly routine dam inspections, pond level measurements, and piezometer measurements were performed as scheduled during the quarter. Periodic resurvey of existing staff gages was also performed.

2.2 Landfills

The RCRA Subtitle C-compliant cover for the Present Landfill (PLF) was completed May 2005. The engineered cover for the Original Landfill (OLF) was completed August 2005. LM personnel initiated the landfill inspections in October 2005. The Monitoring and Maintenance (M&M) Plans for the OLF and PLF were completed and approved by the agencies in February and May of 2006, respectively. The general approach for the PLF and OLF monitoring and inspections, along with the results of those inspections, are presented below.

The M&M Plans for the OLF and the PLF were reviewed by the technical staff, engineering, and geotechnical subcontractors to develop recommendations for changes. Proposed recommendations were discussed on April 12 with the DOE-LM Site Manager. Some proposed changes will be incorporated into the RFSOG as procedures; others will be proposed to the RFLMA parties as M&M Plan changes.

2.2.1 Present Landfill

The PLF consists of approximately 22 acres of an engineered RCRA Subtitle C-compliant cover over a former sanitary/construction debris landfill. A diversion channel surrounds the landfill and diverts stormwater runoff away from the landfill to No Name Gulch. The landfill has a passive seep interception and treatment system, installed to treat landfill seep water and ground water intercept system (GWIS) water that discharges into the Landfill Pond. A gas extraction system is also built into the landfill and allows subsurface gas to vent to the atmosphere.

Subsidence and consolidation at the PLF is monitored by visually inspecting the surface of the landfill cover for cracks, depressions, heaving, and sinkholes. The landfill final construction site conditions are used as a baseline for comparisons made during site inspections. In addition to the visual inspection, settlement monuments are used to evaluate the actual settlement at these specific locations compared to the expected settlement calculated in the final design. Nine

settlement monuments were installed across the top of the landfill cap, with an additional six monuments located on the east face of the landfill. The monuments are monitored quarterly for the first year, and annually thereafter. The first survey of these locations was performed during the fourth quarter of 2006.

Inspections and monitoring tasks follow the format and protocol established in the *Present Landfill Monitoring and Maintenance Plan and Post-Closure Plan* (DOE 2006c) (PLF M&M Plan) and include ground water and surface water monitoring, monitoring subsidence/consolidation, slope stability, soil cover, vegetation, stormwater management structures, and erosion in surrounding features so that corrective actions can be taken in a timely manner. Monthly inspections were initiated in October 2005. It is anticipated that after the first year, the inspection frequency may be reduced to quarterly for an additional 4 years. The inspection program will be evaluated during the current CERCLA review. The findings and observations of the inspections are presented in RFLMA-required quarterly and annual reports, which are submitted to EPA and CDPHE.

2.2.1.1 Inspection Results

PLF inspections for this quarter were performed on April 25, May 23, and June 27, 2007. An evaluation of the landfill cover vegetation was performed on April 25, May 15, and June 11. The April 25th inspection was performed as a required RFLMA inspection in response to a 1.5-inch rainfall event that the site received the same day. This inspection also satisfied the monthly inspection requirement. No significant problems were observed during these inspections. Refer to the completed inspection forms accompanying this document for additional information.

2.2.1.2 Slumps

A slump was discovered February 13, 2007, on the south-facing hillside just east of the PLF. The slump is not on the landfill but is located directly east of it. Because the slumping area is not within the boundaries of the landfill; it has been left unimproved and allowed to stabilize on its own. There have been no changes to the slumping area since the last report. The field crew will continue to closely monitor this slump, as well as watch for new ones at the PLF.

2.2.1.3 Settlement Monuments

In late July 2006 the settlement monument locations proposed in the PLF M&M Plan were field-surveyed to correspond to the exact locations used in the waste settlement calculations. Installation of the settlement monuments at the PLF began August 7, 2006. Progress was slow because the soil was very rocky and highly compacted. The work was stopped while the installation method was revisited. After consultation with DOE-LM, the DOE Office of Environmental Management, the landfill design engineer, and the settlement monument design engineer, an agreement was reached to use a backhoe to perform the first stage of excavation for the remaining eight monuments on the top of the landfill. Once the landfill bio-barrier was reached the excavation was completed manually. The six monuments on the east face of the landfill required manual excavation due to the steep slope.

Installation and initial survey of the settlement monuments at the PLF was completed the fourth week of August 2006. All 15 settlement monument plates at the PLF were surveyed again in

March and June of 2007. Results of these surveys indicate settling at each monument is within the range of expected settling as published in the PLF M&M Plan (DOE 2006c).

2.2.2 Original Landfill

The OLF consists of approximately 20 acres of an engineered cover over a former solid sanitary and construction debris landfill. The final cover consists of a 2-foot-thick Rocky Flats Alluvium soil cover that was constructed over both a regraded surface and a buttress fill. The original surface was regraded to provide a consistent slope. A 20-foot-high, 1,000-foot-long soil mass buttress fill was placed at the toe of the landfill. Erosion is controlled by a series of diversion berms that carry storm runoff away from the cover in lined channels. In addition, the soil cover was covered with both straw mulch and a spray-on erosion control medium called "Flexterra." A perimeter channel collects runoff from the diversion berms and carries it away from the landfill.

Formal inspections of the OLF are conducted monthly. These inspections were initiated in June 2006 consistent with the requirements contained in the *Final Landfill Monitoring and Maintenance Plan, Rocky Flats Environmental Technology Site, Original Landfill* (DOE 2006b) (OLF M&M Plan). It is anticipated that after the first year, the inspection frequency may be reduced to quarterly for an additional 4 years. The inspection program will be evaluated during the current CERCLA review. The findings and observations of the inspections are presented in RFLMA-required quarterly and annual reports, which are submitted to EPA and CDPHE. Inspections and monitoring tasks follow the format and protocol established in the OLF M&M Plan and include ground water and surface water monitoring, monitoring subsidence/consolidation, slope stability, soil cover, vegetation, stormwater management structures, and erosion in surrounding features so that corrective actions can be taken in a timely manner.

2.2.2.1 Inspection Results

OLF inspections during this quarter were performed on April 18, May 23, and June 27, 2007. An evaluation of the landfill cover vegetation was performed on April 25, May 15, and June 11. The April 25th inspection was performed as a required RFLMA inspection in response to a 1.5-inch rainfall event that the site received the same day. This inspection also satisfied the monthly inspection requirement. Refer to the completed inspection forms accompanying this document for additional information.

A slump that extended through Berm #1 was noted on February 7, 2007. The actions and repairs for this slump are discussed in Section 2.2.2.3 along with other slumps that have been documented. Other seeps that have been noted in the OLF inspections and that are being monitored are discussed in Section 2.2.2.2. Refer to the inspection forms accompanying this document for additional information.

The RFLMA Parties initiated consultation regarding the seeps and slumps as discussed below.

2.2.2.2 *Seeps*

Seeps #4 and #7 at the OLF were evaluated during the monthly inspections as well as during unscheduled visits. Both seeps still show areas of active ground water seepage that is being drained by Berm #3.

2.2.2.3 *Slumps*

On February 7, 2007, a slump below Berm #1 was documented following the accelerated melting of several heavy snowfalls and the associated 6- to 8-foot snow drifts. The slump cracks extended from the western perimeter ditch up through Berm #1 and out to the east below Berm #1. The total length of this feature was approximately 200 feet. The slump was immediately staked, photographed, and surveyed with a global positioning system (GPS) unit. The cracks that extended through Berm #1 were covered with plastic sheeting and secured with sand bags to help prevent water from infiltrating the cracks and causing more movement of the berm.

A project designed to fill the crack in Berm #1 and raise the berm freeboard height back to 2 feet as required by the OLF M&M Plan (DOE 2006b) was completed from March 14–April 12. The project involved the addition and compaction of approximately 120 tons of Rocky Flats Alluvium. The berm was then covered with erosion control matting and reseeded. Photographs of the project were taken and included in the monthly landfill inspection report.

The slump at Berm #1 of the OLF cracked through the berm a second time, as documented on May 7. The Site Operations Lead met with an engineer from the Stoller Corporate office May 8 to evaluate the slump and consider necessary repairs. A work order was submitted on May 8 under the new Construction Basic Ordering Agreement. The Site Operations Lead met the contractor at the west access gate on May 9 to start the repair project. A Pre-Evolution and Safety briefing was conducted and the work commenced. The contractor crew applied and compacted 20 tons of Rocky Flats Alluvium to the berm May 9 and completed the repair project on May 10 by the addition and compaction of another 18 tons of Rocky Flats Alluvium. The berm was then re-covered with erosion control matting and re-seeded again with a mixture of mesic slope mix and Regreen.

A meeting with the regulatory agencies on the OLF was held May 17. Some of the discussion topics included possible mechanisms for the conditions observed at the OLF; allowing deeper-rooted plants in areas of higher moisture; extending the subsurface drain for Seep #7 northward to capture the seep; requirements for berm height and flow channel cross section, and inspecting soils and installing French drains at other seep/slump locations. A summary of the meeting discussions and a proposed plan for OLF repair activities was transmitted to CDPHE. The plan included proposed near-term repairs; proposed geotechnical investigation to determine the mechanisms that are causing the slumping; proposed revisions to the M&M Plan for the OLF; and design and construction of final repairs and modifications to address the problems documented at the OLF.

A walkdown of the OLF was performed June 13 with representatives from the construction management organization and a construction subcontractor. Considerations for the Berm #1 permanent slump repairs and Seep #7 drain construction were evaluated. Discussions included the type of heavy equipment that will be used for the repairs and construction, as well as access

points for the heavy equipment onto the landfill. Ecology personnel attended the walkdown to address any threatened and endangered species or wetland issues as well as erosion control issues.

A large depression area below Berm #4 on the east side of the landfill was also noted on February 7, 2007. The western perimeter of the depression extends through a small area of Berm #5 but is not affecting the integrity of the berm or surface water drainage from the cover to the east diversion channel. The depression has been staked, photographed, and surveyed with a GPS unit to help evaluate any additional movement. The depression will continue to be monitored during both scheduled inspections and unscheduled visits to the area.

A small slump was observed in early 2006 (DOE 2007a) on the edge of the west perimeter ditch of the OLF between Berms #2 and #3. At that time, the area of slumping soil was delineated with pin flags, and the extent defined with the field GPS to provide a snapshot of the aerial extent of the slump. Photographs were also taken to help evaluate subtle changes over time. The slump has since extended to the south to Berm #3 and still appears to be active. The slump is not affecting the outfall of Berm #3. The slump will continue to be monitored during both scheduled inspections and unscheduled visits to the area. It will also be included in the scope of the OLF conceptual design that will address other problems associated with the landfill.

A small crack in Berm #2 of the OLF from the eastern extent of the Berm #1 slump was documented on May 14. The crack was filled with Rocky Flats Alluvium and compacted on May 15.

2.2.2.4 Settlement Monuments

The installation of five of the OLF settlement monuments began on March 8 and was completed on March 13, 2007. Settlement monument G was installed in April 2007 due to its location being too wet during the installation of the previous five monuments. The remaining two monuments were not installed at that time because one proposed location was in saturated soil, and the other was in the approximate center of the Berm #1 slump. Installation of the remaining monuments will be completed when conditions permit.

2.2.2.5 Erosion Controls

The “Wattle Replacement Project” at the OLF was started May 29 and completed on June 4. The contractor installed new wattles across the entire cover of the landfill except for the slide area between Berms #1 and #2. Wattles are straw tubes that help prevent erosion from large precipitation events.

2.2.2.6 OLF Berm Survey

Surveyors completed the surveys on the OLF berm crests and troughs the week of April 30. In areas where the grade of the troughs was found to be less than 1 percent, additional cross sectional surveys were performed to evaluate repairs that may be necessary to meet the current grade requirement.

2.3 Ground Water Plume Treatment Systems

Maintenance and operation of ground water treatment systems at the Site by LM personnel began in late October 2005. The system-specific summaries below focus on tasks performed by LM.

2.3.1 Mound Site Plume Treatment System

Routine maintenance activities continued at the Mound Site Plume Treatment System (MSPTS) through the second quarter of CY 2007. These activities included weekly raking of the media and inspection of influent and effluent flow conditions.

2.3.2 East Trenches Plume Treatment System

Routine maintenance activities continued at the East Trenches Plume Treatment System (ETPTS) through the second quarter of CY 2007. This included weekly raking of the media and inspection of influent and effluent flow conditions.

2.3.3 Solar Ponds Plume Treatment System

Routine maintenance activities continued at the Solar Ponds Plume Treatment System (SPPTS) through the second quarter of CY 2007. This included weekly inspection of the solar/battery system that powers the pump, operation of the pump, and influent and effluent flow conditions.

In addition, the SPPTS Discharge Gallery (DG) was equipped with flow monitoring and telemetry instrumentation in this period, as discussed in Section 3.1.12.3.

2.4 Erosion Control and Revegetation

The existing erosion controls are maintained and repaired to protect the bare soil areas until the vegetation can stabilize the soil. Assessing the erosion control is especially important following high wind events which are common at the Site. Areas lacking sufficient vegetative cover were reseeded to ensure adequate establishment of the native vegetation in these areas. Additional erosion control information, specifically related to ecological matters, is covered in Section 3.2.3.

Maintenance of the Site erosion control features required continued effort throughout the second quarter of CY 2007, especially following high wind and/or precipitation events. Replacement of the stakes and/or wire spikes originally used to secure the erosion control matting was required in many areas. In areas of very rocky soil, a common characteristic of the Rocky Flats Alluvium, staking is ineffective and large rocks and cobbles are used to secure the matting.

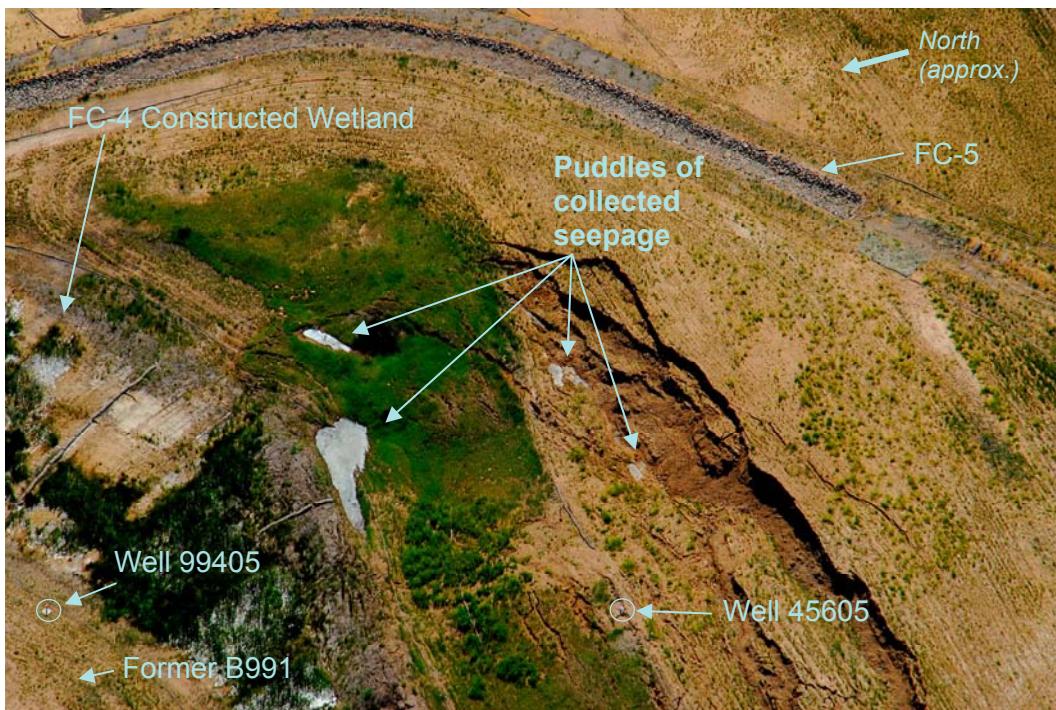
Erosion wattles were also loosened and displaced by the wind and rain, and required restaking or replacement. In areas where the soil allowed, the original stakes were replaced with longer stakes to allow deeper penetration of the stake in the soil to better hold the wattle.

2.4.1 Slump South of Former Building 991

The slump located south of former Building 991 was discussed in previous reports. The slump continued to move throughout the second quarter of CY 2007. Because of its proximity to

Functional Channel (FC)-5 and to address health and safety concerns, evaluations were begun on actions to assist a more rapid stabilization of the area. This would primarily entail grading to reduce the height of the scarps and the load over the main area of movement. It is anticipated that additional, smaller-scale activities may be required over time to address smaller-magnitude movements that may occur as the hillside reaches a stable configuration. This subject will be discussed in more detail in the report for the third quarter of CY 2007 and in the annual report for 2007, as plans are developed and implemented.

During the second quarter of CY 2007, the effects of seepage were apparent particularly along the easternmost portion of the slump area. These seep areas appear to coincide generally with areas of lush vegetation, indicating very shallow ground water, that preceded the development of the Site and remained lush through the active lifetime of the Site, based on historical photographs of the area. The lush grasses that were present prior to Site closure and were not disturbed through the closure process also coincide with the area of seepage, as shown in Figure 2–1. The area of lush vegetation previously occupied sloping ground, but depressions and fissures that formed as a result of the slumping allowed shallow ground water to discharge to the surface and collect in puddles. These seep areas were observed by representatives of CDPHE and EPA during a Site visit in April, 2007.



NOTES: B991 = Building 991; FC = Functional Channel. FC-4 constructed wetland includes most of the area in lower left corner of the photo, bounded on the north (left) by the 991 hillside and on the south (right) by the opposite hillside and the uplifted toe of the slump, which separates the wetland from the northernmost puddles. Fractures and scarps forming the slump are evident. Photograph taken June 14, 2007.

Figure 2–1. Aerial Photograph Showing Eastern Portion of Building 991-Area Slump and Seepage

2.5 General Site Maintenance and Operations

The COU property is being managed and maintained to protect the completed remedial activities and to facilitate completing RFLMA-required M&M activities. Assessment of the conditions is performed on both a scheduled and continuous basis.

2.5.1 Site Boundary Surveys

Detailed surveys and research to identify legal real estate interests were required in order to complete an orderly transfer of jurisdiction over the POU from DOE to the U.S. Department of the Interior for the establishment of the Rocky Flats National Wildlife Refuge. Flatirons, Inc. of Boulder, Colorado, was contracted to survey the boundary and fence line of the COU, the outer boundary of the POU (future refuge lands) and the boundaries of mineral associated parcels that will be retained by DOE, to develop an accurate description of the Rocky Flats property.

Stoller, Flatirons, and DOE personnel identified and confirmed acquisition documents, encumbrances to be terminated, modified or assigned to new owners, mineral and water rights, and confirmation of Grantees' use of federal property on each of the 49 parcels that constitute the Rocky Flats property owned by the U.S. government.

2.5.2 Aerial Photography

An overview of current site conditions, including revegetation, erosion, and general land configuration was obtained on June 14, 2007, by utilizing aerial photography. A professional photographer and charter helicopter was hired to take aerial photos of the entire site, with an emphasis on natural drainages, sites of significant former production buildings, landfills, and other specific areas of interest. More than 1,300 digital photos were taken and entered into the Site's photo database and will be used to document the physical effects of site closure.

2.5.3 RFS Road Upgrades

An interim road repair project was developed to upgrade short segments of Site roads to allow access throughout the potentially wet spring months. The subcontractor started the project on March 21 and completed it on April 3.

The site received 1.5 inches of rain on April 25. The road that leads to the A-Series Ponds was eroded in several locations due to the increased amount of flow that concentrated down the middle and along the side of the road. Small drainages were dug to help water flow down the existing ditch on the east side of the road. The A-Series Pond Road Repair Project was developed to construct a water management structure on the west side of the road that would help drain water into the existing drainage. The project also included grading the road to eliminate the small areas of erosion that formed during the precipitation event. The project began on May 22 and was completed on June 1.

The final design review for the third road improvement project was held June 6 and submitted to Procurement June 12. Several suggestions and comments were made to address the PMJM and wetland issues. Staff began preparing the associated U.S. Fish and Wildlife Service (USFWS) notification for the roads project. Changes were made in a few areas to reduce or add scope to better reflect site operational needs.

2.5.4 Site Security

2.5.4.1 Fence Maintenance and Construction

The security of the Rocky Flats property is assessed on a continuous basis. The perimeter fence is maintained and replaced as required. Posts are installed and wire replaced and/or repaired as necessary to maintain an intact fence.

Repairs to the outer perimeter fence that runs along Indiana Street and the saw-mill on the northwest side of the site were completed in May 2007. A driver lost control of his vehicle on Highway 128 east of the Rock Creek drainage and crashed through the outer perimeter fence during the evening of April 24th. The incident was reported by the motorist the morning of April 25th and the fence was repaired later that afternoon.

Construction of the fence surrounding the COU began on November 6, 2006, and was completed on March 22, 2007. The “No Trespassing” signs required by RFLMA were attached to this fence, and sign installation was completed March 23. Signs that are required by RFLMA at the entrances to the COU, listing the use restrictions for this OU, were also posted.

The entire 7 miles of the COU fence was inspected in April 2007 to determine areas where deer commonly cross the fence. Flags were hung in these locations to help make the fence more visible, and help reduce the number of deer that were getting hung up in the fence. A consultation with CDPHE was held on April 4th and later with the USFWS and the Colorado Division of Wildlife to address the adverse biological affects of the fence. Permanent fence flags (free hanging plastic devices) were placed on the fence in the high traffic areas in May 2007.

2.5.4.2 Security Issues

Off-hours surveillance of the Rocky Flats property was initiated April 19, 2006. The surveillance is performed during times when LM personnel, such as oversight and M&M staff and the field sampling crews, are not normally in the field. These times include evenings during the week, and continuous coverage Thursday evening through Monday morning.

During the first quarter of 2007 the subcontract surveillance personnel made numerous contacts with drivers of vehicles stopped near the Site, and were visible by passing motorists while stationed at their observation stations. Due to poor Site road conditions, in February the Site surveillance was limited to outer perimeter roads (public highways and streets) for safety reasons and to help protect the integrity of Site roads during periods of increased snowmelt. Normal surveillance routes resumed in late March 2007 after the completion of the interim road repair project described above.

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3.0 Environmental Monitoring

3.1 Water Monitoring

This section presents data collected to satisfy water monitoring objectives implemented at the Site in accordance with RFLMA. The RFSOG provides a guidance framework in support of conducting LM activities at the Site including monitoring. Figure 3–1 shows a map with the water monitoring locations operating in the second quarter of CY 2007.

This Quarterly Report presents data collected during the second quarter of CY 2007 (April through June 2007). This section includes:

- An evaluation of analytical results as required for the Point of Compliance (POC), Point of Evaluation (POE), PLF, and OLF monitoring objectives;
- A brief discussion of Investigative and Pre-Discharge monitoring;
- A summary of RCRA ground water monitoring at the PLF and OLF;
- A summary of ground water monitoring at Area of Concern (AOC), Boundary, and Sentinel wells;
- A summary of ground water treatment system influent, effluent, and performance monitoring at the ETPTS, MSPTS, and SPPTS;
- A summary of ground water monitoring at selected additional locations, including two excavations supporting an investigation near the SPPTS DG, and several Evaluation wells; and
- Analytical water-quality data available in the following format:
 - Compact disk (CD) for hard-copy distribution.

3.1.1 Water Monitoring Highlights

During the first quarter of CY 2007, the water monitoring network successfully fulfilled the targeted monitoring objectives as required by RFLMA and using the RFSOG implementation guidance. The network consisted of 13 automated gaging stations, 11 surface water grab-sampling locations, 10 treatment system locations, 100 wells, and 8 precipitation gages. During the quarter, 44 flow-paced composite samples, 9 surface water grab samples, 63 samples supporting treatment system objectives, and 148 ground water samples were collected.¹

All water-quality data at the RFCA POCs remain well below the applicable standards through the second quarter of CY 2007.

Reportable 12-month rolling average total uranium (U) concentrations continue to be observed in surface water at RFCA POE monitoring station GS10, which is located in South Walnut Creek upstream of Pond B-1 in the Walnut Creek Basin.

¹ Composite samples consist of multiple aliquots ('grabs') of identical volume. Each grab is delivered by the automatic sampler to the composite container at each predetermined flow-volume or time interval. During the second quarter of CY 2007, the 44 flow-paced composites were comprised of 2,165 individual grabs.

DOE provided the initial formal notification of reportable U concentrations at POE GS10 to EPA and CDPHE on July 13, 2006. DOE first became aware of the reportable values when all U sample results were validated on July 6, 2006. This notification reported, on a 12-month rolling average basis per the IMP, a single reportable value for the last day of April 2006 (April 30, 2006; 10.19 picocuries per liter [pCi/L]). At that time, the RFCA action level for total U in Walnut Creek was 10 pCi/L, as adopted by the current RFLMA.

A more comprehensive water-quality evaluation was detailed in Section 2.2.1.1, “Notification and Source Evaluation for Reportable 12-Month Rolling Total Uranium Values at RFCA Point of Evaluation GS10” of the *Quarterly Report of Site Surveillance and Maintenance Activities: Second Quarter Calendar Year 2006* (DOE 2006h). The Site continues to evaluate, in coordination with CDPHE and under the RFLMA, the measured U concentrations at GS10. Recent GS10 data are evaluated in Section 3.1.4.1 of this report.

All other POE analyte concentrations remained below reporting levels as of the end of the second quarter of CY 2007. Erosion and runoff controls, as well as extensive revegetation efforts, have proven to be effective in measurably reducing both sediment transport and constituent concentrations. As of the end of the second quarter of CY 2007, all of the POEs were showing plutonium-239,240 (Pu) and americium-241 (Am) concentrations well below the RFLMA standards. With the removal of impervious areas resulting in decreased runoff, the stabilization of soils within the drainages, and the progression of revegetation, acceptable water quality is expected to continue.

All surface water monitoring data for the OLF were below standards during the quarter. Monitoring data for the PLF Treatment System (PLFTS) showed effluent results for selenium and vinyl chloride that were greater than RFLMA standards/practical quantitation limits (PQLs) during the quarter (see Section 3.1.12.5 for discussion).

Ground water monitoring results at the PLF and OLF will be evaluated as part of the Annual Report for 2007. Ground water was monitored in accordance with the RFLMA (DOE 2007c).

3.1.2 Use of Analytical Data

Analytical data are evaluated statistically to meet many objectives in accordance with the RFLMA (DOE 2007c). Rejected data are not included in statistical evaluations.

Surface water data from POCs and POEs are evaluated on a semimonthly schedule, and results of these evaluations are included in the quarterly reports. Ground water data evaluations are reported annually, because the ground water regime is less dynamic and conditions change much more gradually than is the case with surface water. However, ground water data from AOC wells are evaluated for reportable conditions as they are received; when such conditions exist, they are described in the quarterly report as well as the annual report.

Ground water statistics require a minimum of eight results representing routinely collected samples. A commercially-available geostatistical software program (currently Sanitas™) is used for these calculations. (Note: This report does not recommend any particular software; this information is merely included for the sake of completeness.)

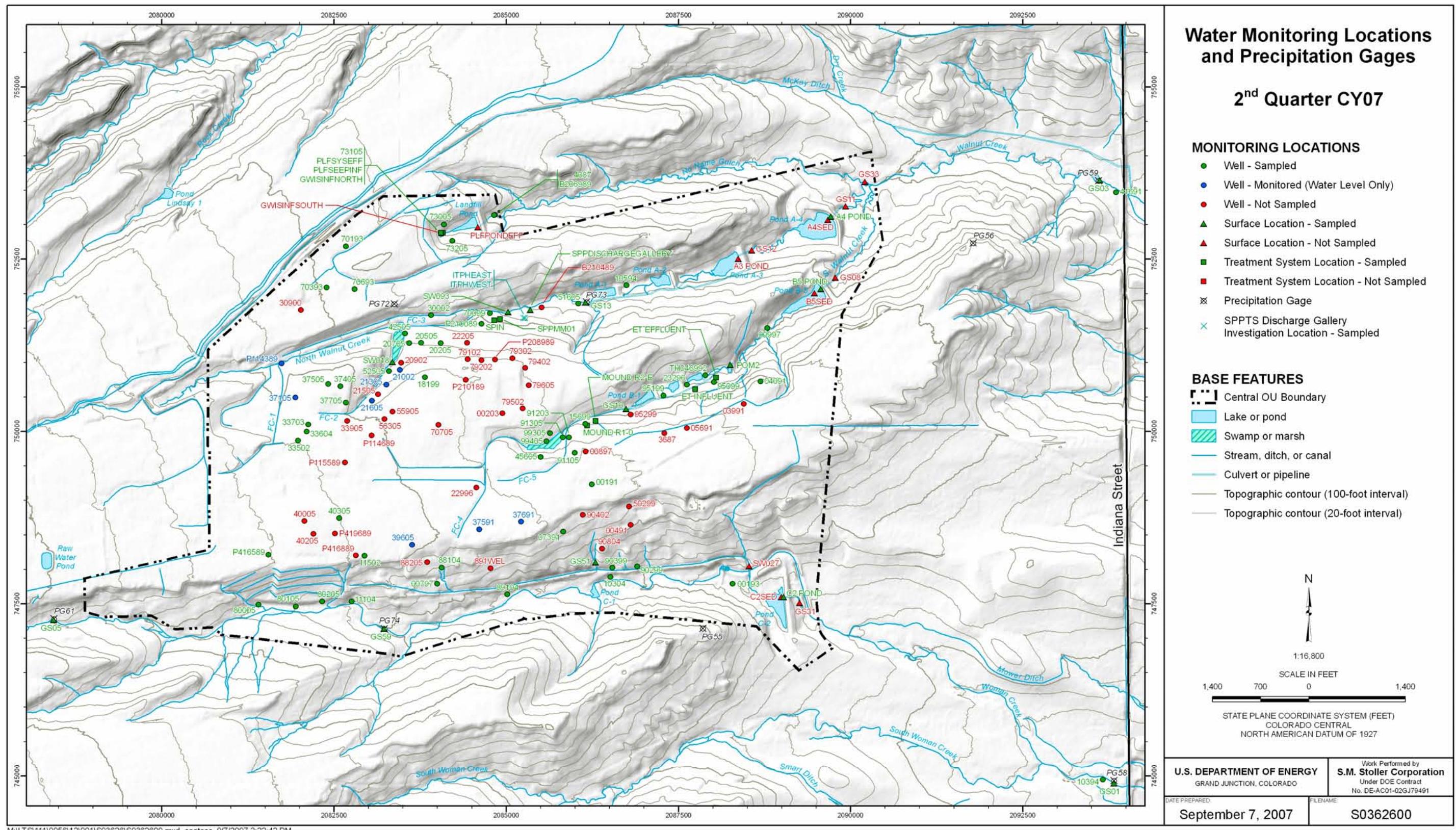


Figure 3–1. RFS Water Monitoring Locations and Precipitation Gages: Second Quarter of CY 2007

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Ground water field duplicates are omitted from statistical evaluations. Even so, samples collected on the same date but analyzed for similar constituents (e.g., total uranium and uranium isotopes) may be defined by the program as representing a real and duplicate sample result. In these cases, the two values are averaged and the average value is used for the statistical calculations. (In this example, the averaged values would be the total uranium reported in mass units and the sum of isotopic results that have been converted to mass units.) In addition, the Sanitas™ program uses the qualifier “D” to represent a duplicate sample to be averaged with the real sample; prior to closure, this qualifier was used to indicate the analysis had been performed at a dilution. Therefore, prior to performing statistical calculations using this program, “D” qualifiers are deleted.

Ground water samples assigned laboratory qualifiers of J (estimated) are taken at face value, rather than being assigned a value of less than the method detection limit plus PQL. Due to the lack of universal consensus on how to handle non-detects, and consistent with previous statistical evaluations of ground water at the RFS, non-detects are replaced with a value of 0.001. (The original intent was to replace non-detects with zero, but because some statistical methods would then divide by this value, the number 0.001 is used.)

Evaluations of uranium in ground water are based on total uranium concentrations. In some cases, surface water data are also evaluated (e.g., at GS13, the performance monitoring location supporting the SPPTS). The latter data are typically reported as isotopic activities. These activities are converted to mass units, then summed for an estimate of the total uranium concentration. Conversion factors used to support these ground water evaluations are listed below in Table 3–1.

Table 3–1. Uranium Isotope Conversion Factors Used in Ground Water Evaluations

Isotope	Conversion Factor	Typical Activity Units	Typical Mass Units
U-233*	9636.6 pCi/µg	pCi/L	µg/L
U-234	6235.1 pCi/µg	pCi/L	µg/L
U-235	2.1612 pCi/µg	pCi/L	µg/L
U-236*	64.672 pCi/µg	pCi/L	µg/L
U-238	0.33614 pCi/µg	pCi/L	µg/L

Notes: *U-233 and U-236 are absent in natural uranium, and therefore can be used as definitive markers for anthropogenic uranium. LANL analyzes U-236 and also evaluates isotopic ratios for this purpose.

Source of conversion factors: Friedlander et al. 1981.

3.1.3 POC Monitoring

This objective deals with monitoring discharges from the terminal ponds into Woman and Walnut Creeks and streamflow at the additional POCs downstream at Indiana Street to demonstrate compliance with RFLMA surface water quality standards (see Table 1 of Attachment 2 to RFLMA). Water quality data are reportable under RFLMA when the applicable compliance parameter(s) are greater than the corresponding Table 1 value(s) (see Appendix D). Terminal pond discharges are monitored by POCs GS11, GS08, and GS31. Walnut Creek is monitored at Indiana Street by POC GS03. Woman Creek is monitored at Indiana Street by POC GS01. These locations are shown on Figure 3–1. Sampling and data evaluation protocols are summarized in Table 3–2.

The following sections include summary tables and plots showing the applicable 30-day and 12-month rolling averages for the POC analytes. The following evaluations include all results that were not rejected through the verification and validation process. Data are generally presented to decimal places as reported by the laboratories. Accuracy should not be inferred; minimum detectable concentrations/activities and analytical error are often greater than the precision presented. When a sample has a corresponding field duplicate, the value used in calculations is the arithmetic average of the ‘real’ and the ‘duplicate’ values. When a sample has multiple ‘real’ analyses (Site requested ‘reruns’), the value used in calculations is the arithmetic average of the multiple ‘real’ analyses.²

Refer to the analytical data accompanying this document for further information.

Table 3–2. Sampling and Data Evaluation Protocols at POCs

Location Code	Location Description	Sample Types / Frequencies	Analytes	Data Evaluation
GS01	Woman Creek at Indiana Street	Continuous flow-paced composites; frequency varies (target is 20–40 per year) ^a	total Pu, Am, and U isotopes ^b [TSS ^d]	see Figure 5 in Appendix D
GS03	Walnut Creek at Indiana Street	Continuous flow-paced composites; frequency varies (target is 25–30 per year) ^a	total Pu, Am, U isotopes ^b , and nitrate ^c [TSS ^d]	see Figure 5 in Appendix D
GS08	Pond B-5 Outlet	Continuous flow-paced composites; frequency varies (target is 0–19 per year)	total Pu, Am, U isotopes ^b , and nitrate ^c	see Figure 5 in Appendix D
GS11	Pond A-4 Outlet	Continuous flow-paced composites; frequency varies (target is 0–15 per year)	total Pu, Am, U isotopes ^b , and nitrate ^c	see Figure 5 in Appendix D
GS31	Pond C-2 Outlet	Continuous flow-paced composites; frequency varies (target is 0–5 per year)	total Pu, Am, and U isotopes ^b	see Figure 5 in Appendix D

Notes: ^aFrequency depends on available flow; samples are segregated by water origin (baseflow or pond discharge).

^bU isotopes are U-233,234 + U-235 + U-238.

^cCollected during pond discharges only; nitrate is analyzed as nitrate+nitrite as N; this result is conservatively compared to the nitrate standard only.

^dTotal suspended solids (TSS) is analyzed when the composite sampling period is within TSS hold-time limits.

3.1.3.1 Location GS01

Monitoring location GS01 is located on Woman Creek at Indiana Street (Figure 3–1). The Woman Creek headwaters, the southern portion of the COU, and Pond C-2 contribute flow to GS01.

² Significant differences in values for a data pair are an indication of potential problems with sample preparation and/or analysis. Under these circumstances, an applicable value to be used for comparison cannot be determined with sufficient confidence to make compliance decisions. As such, an evaluation of the duplicate error ratio (DER) or relative percent difference (RPD) depending on the analyte, is required to assess the representativeness of the sample and its usability for compliance decisions (see Section 8.2.3 of the RFSOG for discussion).

Table 3–3 shows that all of the annual average Pu and Am activities were well below 0.15 pCi/L. Additionally, the long-term Pu and Am averages (1997–2006) are well below 0.15 pCi/L. The average total U activities are all well below 11 pCi/L.

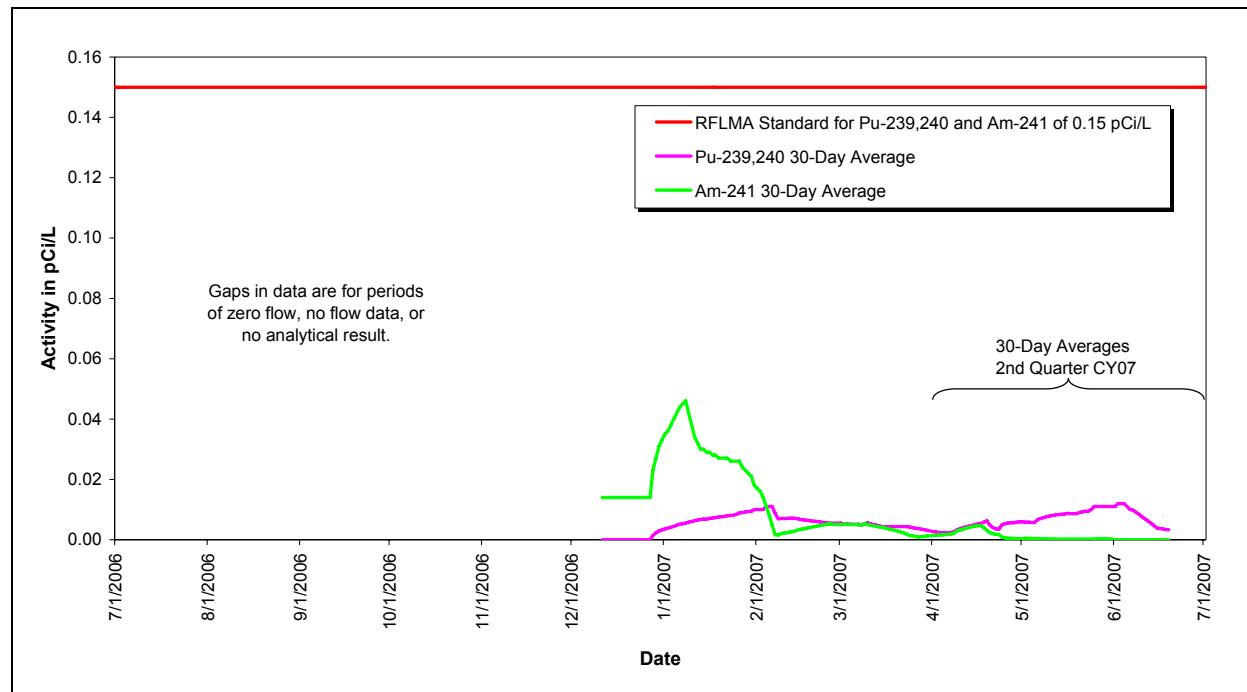
Figure 3–2 and Figure 3–3 show no occurrences of reportable 30-day averages for the quarter.³

Table 3–3. Annual Volume-Weighted Average Radionuclide Activities at GS01 for 1997–2007

Calendar Year	Volume-Weighted Average Activity (pCi/L)		
	Am-241	Pu-239,240	Total U
1997	0.003	0.007	NA
1998	0.006	0.006	NA
1999	0.005	0.008	NA
2000	0.004	0.003	NA
2001	0.004	0.006	NA
2002	0.002	0.001	NA
2003	0.002	0.004	1.24
2004	0.003	0.002	3.56
2005	0.004	0.003	2.50
2006	0.012	0.003	4.76
2007	0.002	0.007	1.09
Total (1997–2007)	0.004	0.006	1.70

Notes: Collection of total U data began on February 3, 2003. Data through June 19, 2007.

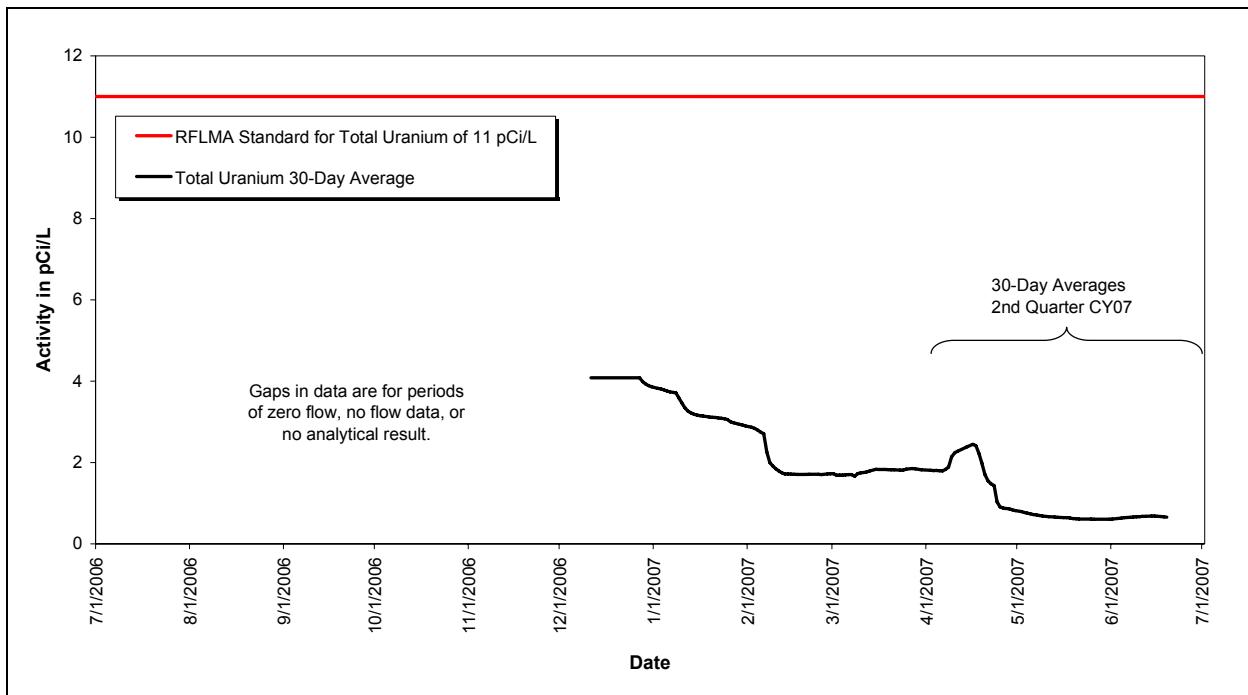
NA = not applicable.



Note: Data through June 19, 2007.

Figure 3–2. Volume-Weighted 30-Day Average Pu and Am Activities at GS01: Calendar Year Ending Second Quarter of CY 2007

³ Data is through June 19, 2007; the composite sample started on June 20, 2007, was still in progress as of this report.



Note: Data through June 19, 2007.

Figure 3–3. Volume-Weighted 30-Day Average Total U Activities at GS01: Calendar Year Ending Second Quarter of CY 2007

3.1.3.2 Location GS03

Monitoring location GS03 is located on Walnut Creek at Indiana Street (Figure 3–1). The Walnut Creek headwaters, the majority of the COU, Pond A-4, and Pond B-5 contribute flow to GS03.

Table 3–4 shows that all of the annual average Pu and Am activities were well below 0.15 pCi/L. Additionally, the long-term Pu and Am averages (1997–2007) are well below 0.15 pCi/L. The average total U and nitrate+nitrite concentrations are all well below 10 pCi/L and 10 milligrams per liter (mg/L), respectively.

Figure 3–4 and Figure 3–5 show no occurrences of reportable radionuclide 30-day averages for the quarter. For nitrate+nitrite, no 30-day averages are calculated since only 13 days of discharge have occurred through the end of the second quarter of CY 2007.

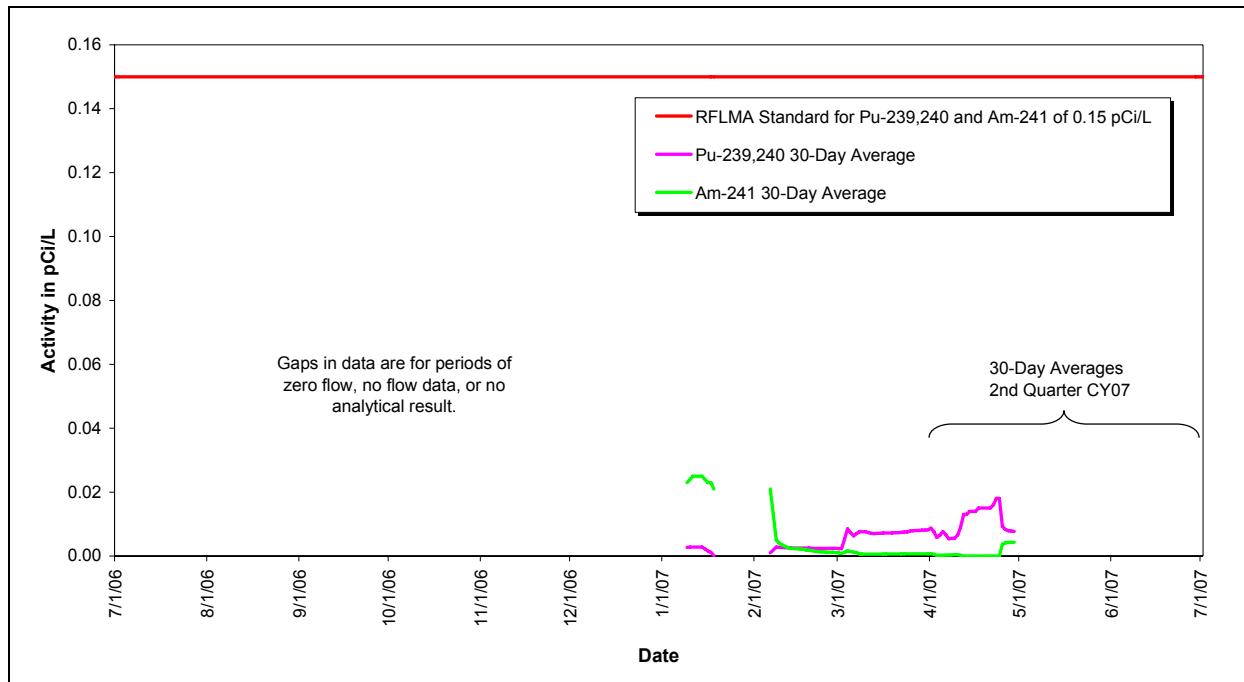
Table 3–4. Annual Volume-Weighted Average Radionuclide Activities and Nitrate+Nitrite as N Concentrations at GS03 for 1997–2007

Calendar Year	Volume-Weighted Average Activity (pCi/L)			Volume-Weighted Average Concentration (mg/L) ^a
	Am-241	Pu-239,240	Total U	
1997	0.014	0.026	NA	NA
1998	0.010	0.014	NA	NA
1999	0.009	0.015	NA	NA
2000	0.007	0.005	NA	NA
2001	0.005	0.009	NA	NA
2002	0.006	0.012	NA	NA
2003	0.005	0.006	1.79	NA
2004	0.008	0.008	1.76	NA
2005	0.022	0.008	3.95	NA (no pond discharges after 10/13/05)
2006	NA (no flow)	NA (no flow)	NA (no flow)	NA (no pond discharges)
2007	0.002	0.006	3.76	2.34
Total (1997–2007)	0.009	0.012	2.42	2.34

Notes: Collection of total U data began on November 5, 2002. Data through July 29, 2007.

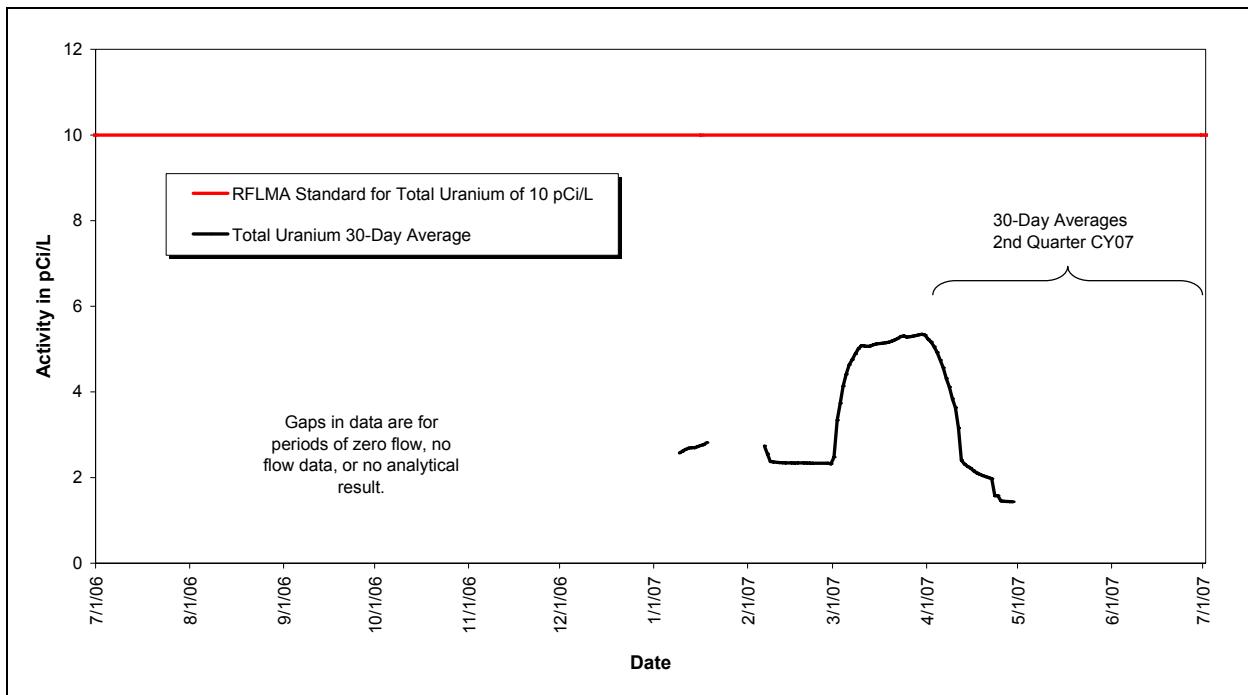
NA = not applicable.

^aFor pond discharge periods only; nitrate+nitrite as N sampling began on October 13, 2005.



Note: Data through June 30, 2007. The composite sample for the period April 30 through July 5 was of non-sufficient quantity for analysis.

Figure 3–4. Volume-Weighted 30-Day Average Pu and Am Activities at GS03: Calendar Year Ending Second Quarter of CY 2007



Note: Data through June 30, 2007. The composite sample for the period April 30 through July 5 was of non-sufficient quantity for analysis.

Figure 3–5. Volume-Weighted 30-Day Average Total U Activities at GS03: Calendar Year Ending Second Quarter of CY 2007

3.1.3.3 Location GS08

Monitoring location GS08 is located on South Walnut Creek at the outlet of Pond B-5 (Figure 3–1). The central portion of the COU contributes flow to Pond B-5.

Table 3–5 shows that all of the annual average Pu and Am activities were well below 0.15 pCi/L. Additionally, the long-term Pu and Am averages (1997–2007) are well below 0.15 pCi/L. The average total U activities have shown recent increases due to contributions from GS10 (see Section 3.1.4.1). Nitrate+nitrite concentrations are well below 10 mg/L.

Figure 3–6, Figure 3–7, and Figure 3–8 show no occurrences of reportable 12-month rolling averages for the quarter

Table 3–5. Annual Volume-Weighted Average Radionuclide Activities and Nitrate+Nitrite as N Concentrations at GS08 for 1997–2007

Calendar Year	Volume-Weighted Average Activity (pCi/L)			Volume-Weighted Average Concentration (mg/L) ^a Nitrate+Nitrite as N
	Am-241	Pu-239,240	Total U	
1997	0.008	0.006	1.69	NA
1998	0.006	0.008	2.33	NA
1999	0.015	0.046	1.38	NA
2000	0.029	0.047	0.93	NA
2001	0.004	0.006	1.24	NA
2002	0.003	0.002	0.68	NA
2003	0.006	0.026	1.37	NA
2004	0.009	0.009	1.24	NA
2005	0.021	0.008	6.11	NA (no pond discharge after 10/13/05)
2006	NA (no discharge)	NA (no discharge)	NA (no discharge)	NA (no discharge)
2007	0.002	0.003	8.45	0.38
Total (1997–2007)	0.012	0.022	1.71	0.38

Notes: Data through September 17, 2007.

NA = not applicable.

^aNitrate+nitrite as N sampling began on October 13, 2005.

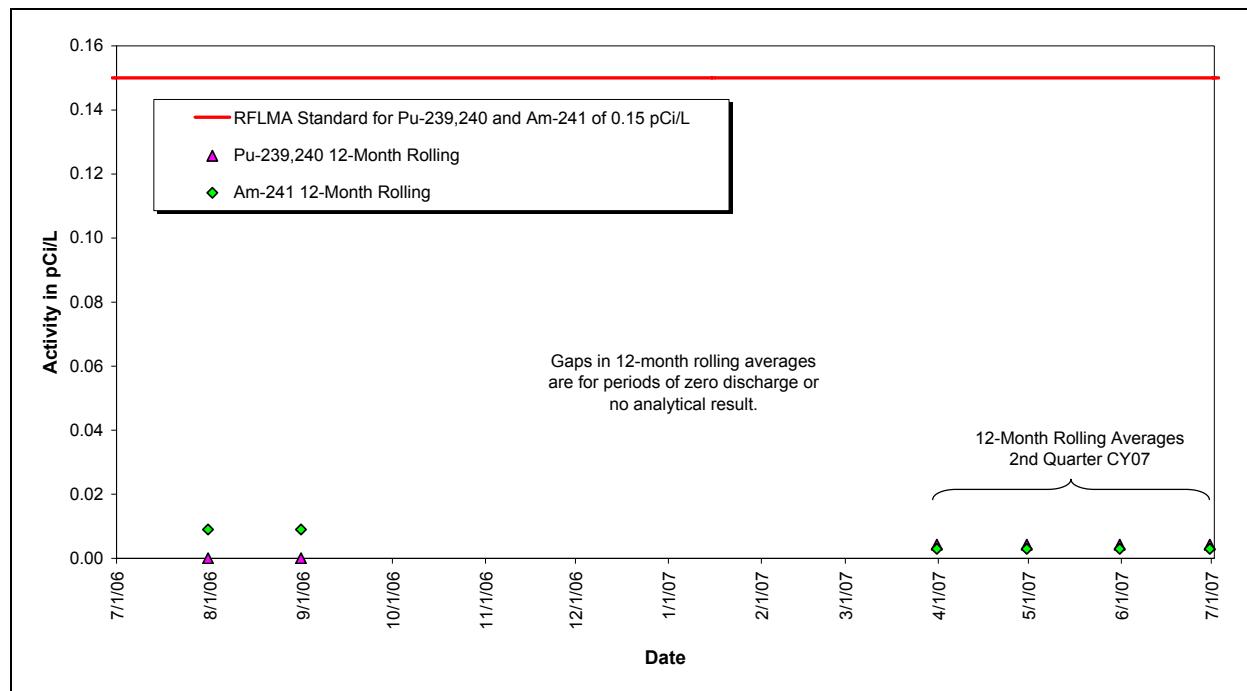


Figure 3–6. Volume-Weighted 12-Month Rolling Average Pu and Am Activities at GS08: Calendar Year Ending Second Quarter of CY 2007

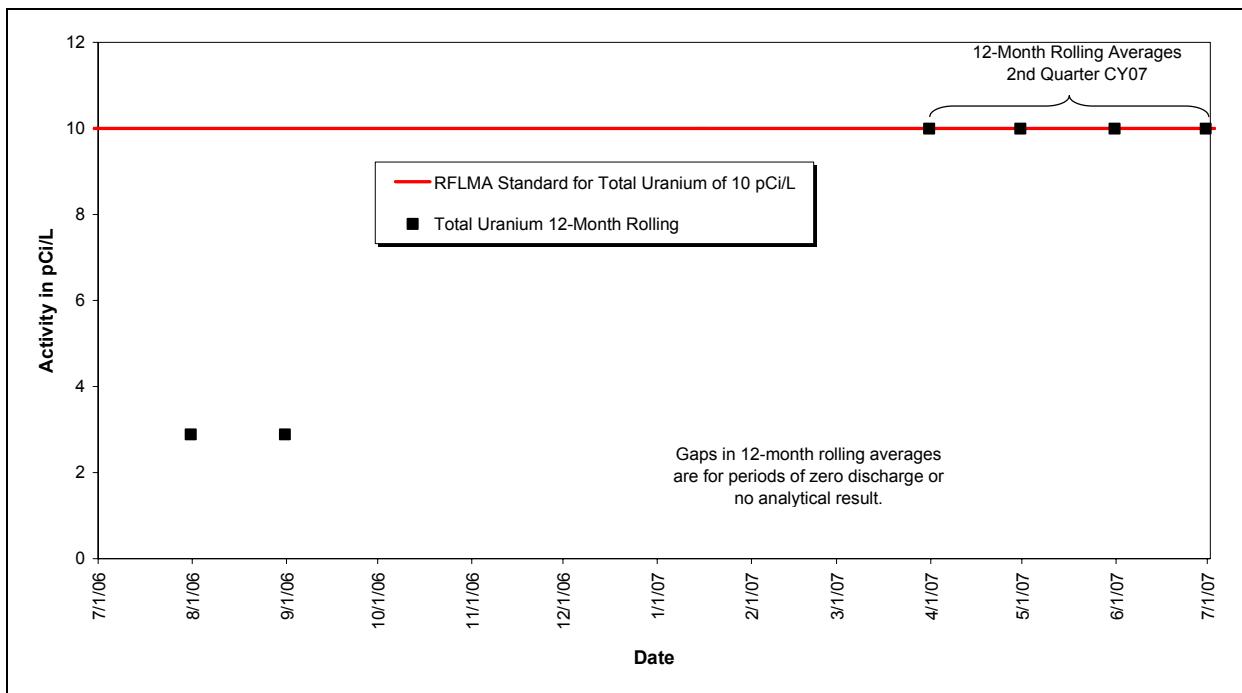
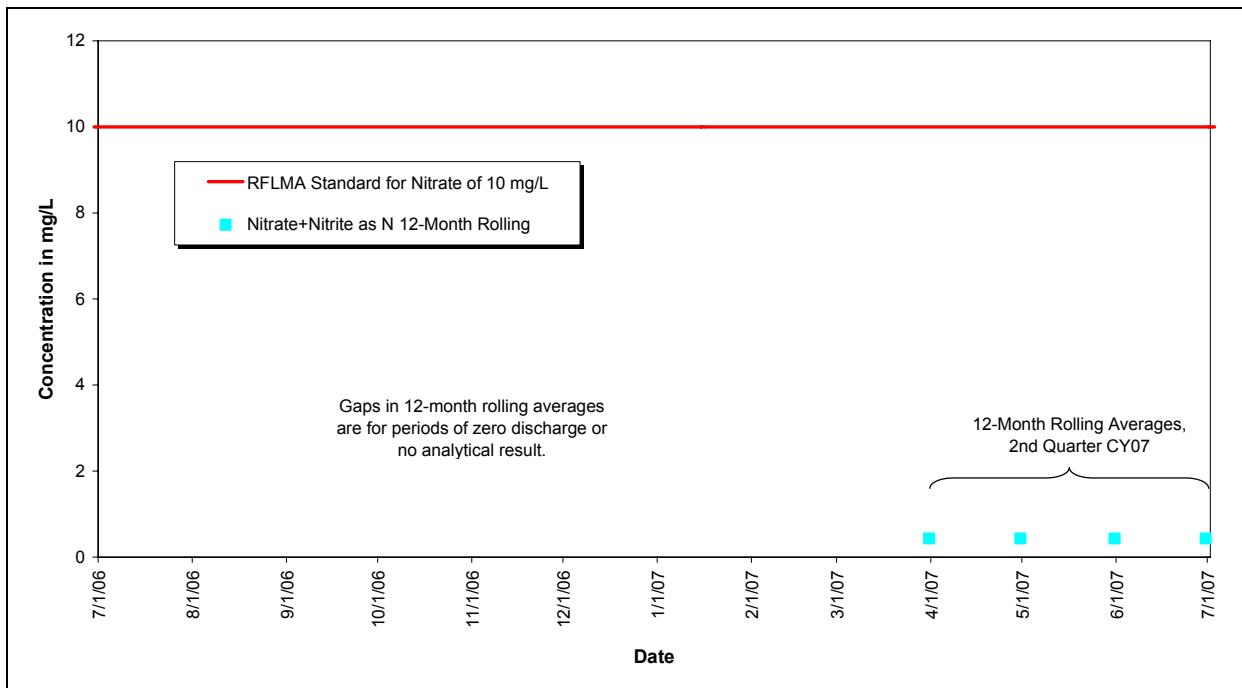


Figure 3–7. Volume-Weighted 12-Month Rolling Average Total U Activities at GS08: Calendar Year Ending Second Quarter of CY 2007



Note: Nitrate+nitrite as N 12-month averages are conservatively compared to the nitrate standard only.

Figure 3–8. Volume-Weighted 12-Month Rolling Average Nitrate+Nitrite as N Concentrations at GS08: Calendar Year Ending Second Quarter of CY 2007

3.1.3.4 Location GS11

Monitoring location GS11 is located on North Walnut Creek at the outlet of Pond A-4 (Figure 3–1). The northern portion of the COU contributes flow to Pond A-4.

Table 3–6 shows that all of the annual average Pu and Am activities were well below 0.15 pCi/L. Additionally, the long-term Pu and Am averages (1997–2007) are well below 0.15 pCi/L. The average total U and nitrate+nitrite concentrations are all well below 10 pCi/L and 10 mg/L, respectively.

Figure 3–9, Figure 3–10, and Figure 3–11 show no occurrences of reportable 12-month rolling averages for the quarter.

Table 3–6. Annual Volume-Weighted Average Radionuclide Activities and Nitrate+Nitrite as N Concentrations at GS11 for 1997–2007

Calendar Year	Volume-Weighted Average Activity (pCi/L)			Volume-Weighted Average Concentration (mg/L) ^a
	Am-241	Pu-239,240	Total U	
1997	0.005	0.008	1.82	NA
1998	0.011	0.004	2.18	NA
1999	0.003	0.007	1.76	NA
2000	0.001	0.018	2.45	NA
2001	0.003	0.002	2.89	NA
2002	0.003	0.000	2.29	NA
2003	0.003	0.002	2.91	NA
2004	0.006	0.002	2.71	NA
2005	0.022	0.002	1.78	NA (no pond discharge after 10/13/05)
2006	NA (no discharge)	NA (no discharge)	NA (no discharge)	NA (no discharge)
2007	0.001	0.007	3.77	3.02
Total (1997–2007)	0.006	0.006	2.26	3.02

Notes: Data through September 17, 2007.

NA = not applicable.

^aNitrate+nitrite as N sampling began on October 13, 2005.

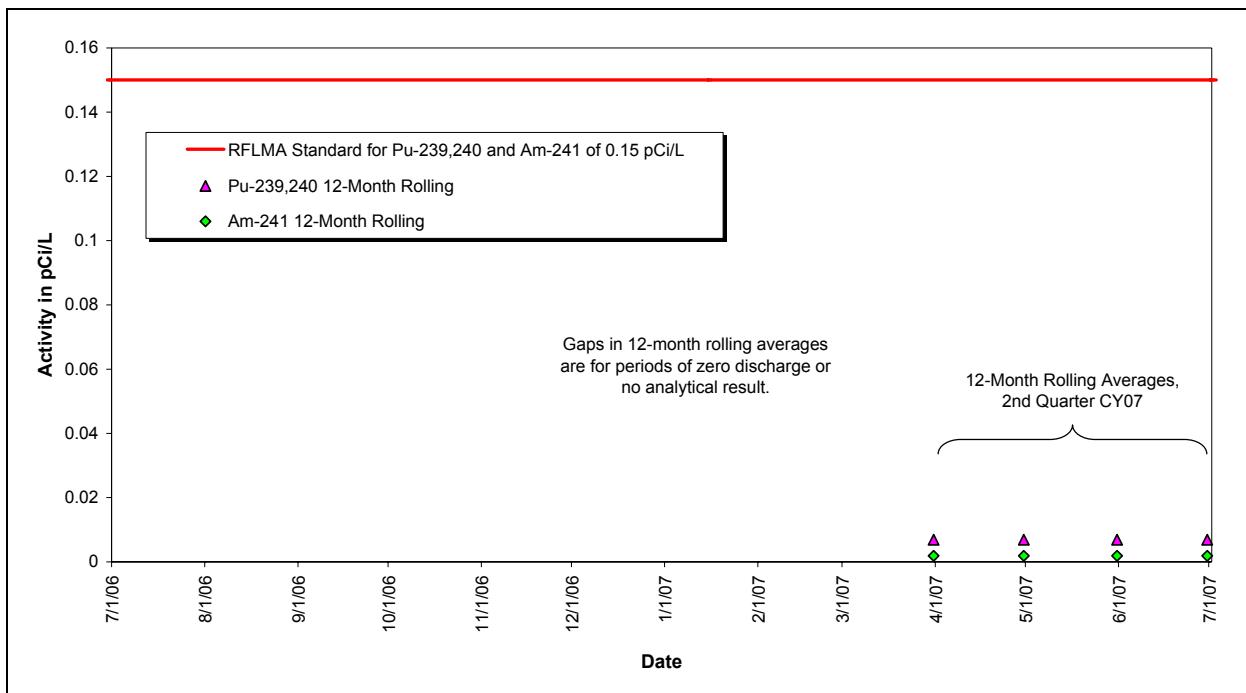


Figure 3–9. Volume-Weighted 12-Month Rolling Average Pu and Am Activities at GS11: Calendar Year Ending Second Quarter of CY 2007

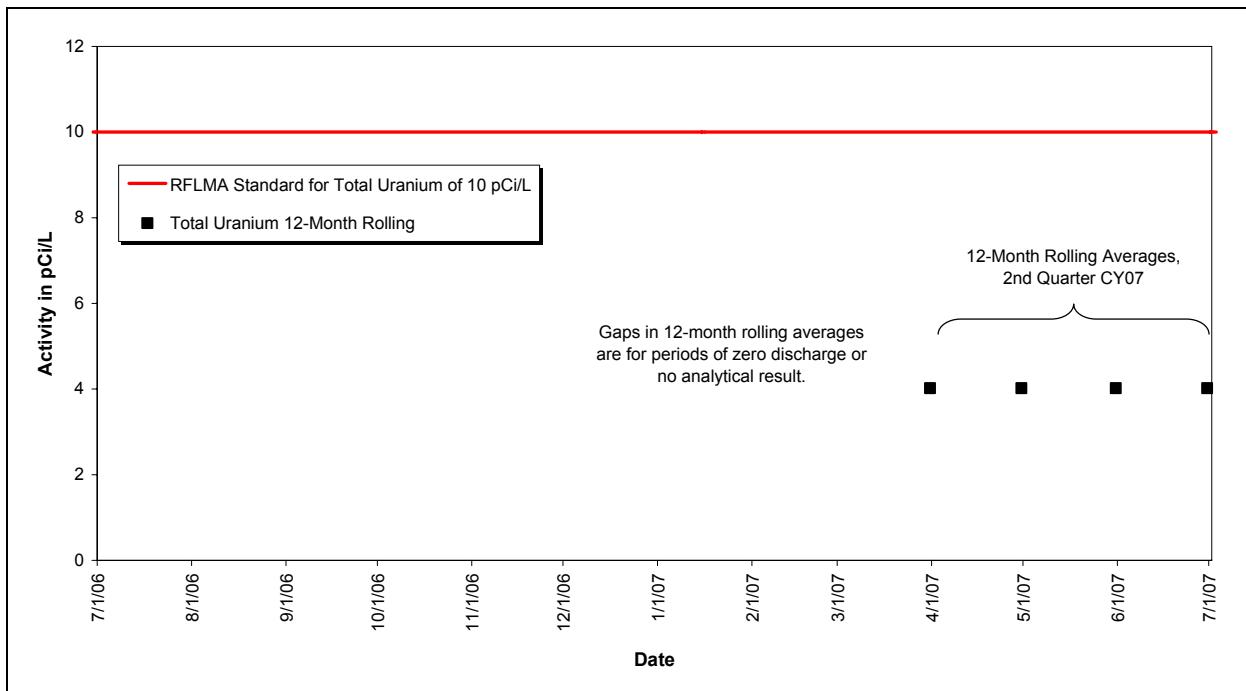
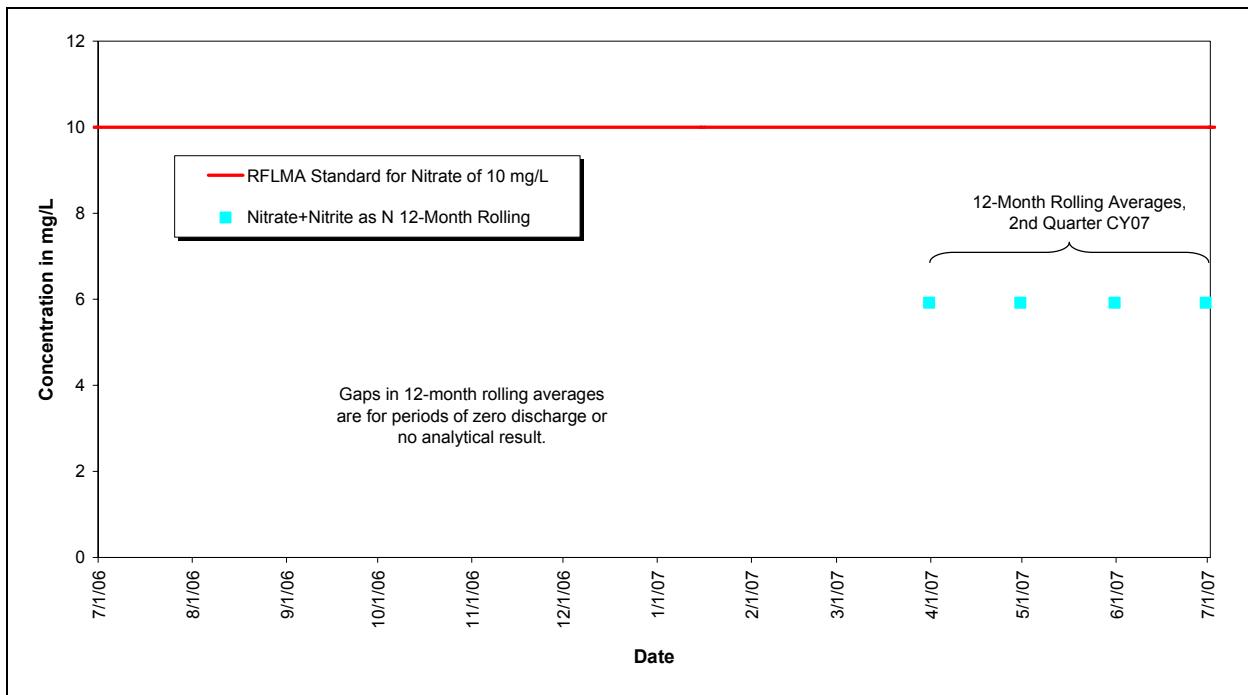


Figure 3–10. Volume-Weighted 12-Month Rolling Average Total U Activities at GS11: Calendar Year Ending Second Quarter of CY 2007



Note: Nitrate+nitrite as N 12-month averages are conservatively compared to the nitrate standard only.

Figure 3–11. Volume-Weighted 12-Month Rolling Average Nitrate+Nitrite as N Concentrations at GS11: Calendar Year Ending Second Quarter of CY 2007

3.1.3.5 Location GS31

Monitoring location GS31 is located on Woman Creek at the outlet of Pond C-2 (Figure 3–1). The southern portion of the COU contributes flow to Pond C-2.

Pond C-2 has not been discharged during CY 2007. The last discharge occurred during July 1–July 14, 2005. Therefore, no 12-month rolling averages are calculated after June 30, 2006, and no compliance plots are presented.

Table 3–7 shows that all of the annual average Pu and Am activities were below 0.15 pCi/L. Additionally, the long-term Pu and Am averages (1997–2007) are below 0.15 pCi/L. The average U activities are all well below 11 pCi/L.

Table 3–7. Annual Volume-Weighted Average Radionuclide Activities at GS31 for 1997–2007

Calendar Year	Volume-Weighted Average Activity (pCi/L)		
	Am-241	Pu-239,240	Total U
1997	0.008	0.017	2.10
1998	0.018	0.003	2.53
1999	0.010	0.043	2.70
2000	No C-2 Discharge	No C-2 Discharge	No C-2 Discharge
2001	0.013	0.021	1.25
2002	0.015	0.089	2.43
2003	0.006	0.015	1.62
2004	0.010	0.021	1.65
2005	0.008	0.020	4.07
2006	No C-2 Discharge	No C-2 Discharge	No C-2 Discharge
2007	No C-2 Discharge to Date	No C-2 Discharge to Date	No C-2 Discharge to Date
Total (1997–2007)	0.011	0.019	2.13

Notes: There has been no Pond C-2 discharge during 2007 through September 17, 2007.
NA = not applicable.

3.1.4 POE Monitoring

This objective deals with monitoring runoff and baseflow from the interior of the COU to the A-, B-, and C-Series Ponds to demonstrate compliance with surface water quality standards (see Table 1 of Attachment 2 to RFLMA). Water quality data are reportable under RFLMA when the applicable compliance parameter(s) are greater than the corresponding Table 1 value(s) (see Appendix D). Surface water is monitored by POEs SW093, GS10, and SW027 on North Walnut Creek, South Walnut Creek, and the South Interceptor Ditch (SID), respectively. These locations are shown on Figure 3–1. Sampling and data evaluation protocols are summarized in Table 3–8.

Table 3–8. Sampling and Data Evaluation Protocols at POEs

Location Code	Location Description	Sample Types / Frequencies	Analytes	Data Evaluation
GS10	South Walnut Creek at Outfall of FC-4	Continuous flow-paced composites; frequency varies (target is 20 per year) ^a	total hardness, Be, Cr, Pu, Am, and U isotopes ^b ; dissolved Ag and Cd; [TSS ^c]	see Figure 6 in Appendix D
SW027	SID at Pond C-2	Continuous flow-paced composites; frequency varies (target is 20 per year) ^a	total hardness, Be, Cr, Pu, Am, and U isotopes ^b ; dissolved Ag and Cd; [TSS ^c]	see Figure 6 in Appendix D
SW093	North Walnut Creek at Outfall of FC-3	Continuous flow-paced composites; frequency varies (target is 20 per year) ^a	total hardness, Be, Cr, Pu, Am, and U isotopes ^b ; dissolved Ag and Cd; [TSS ^c]	see Figure 6 in Appendix D

Notes:

^aFrequency depends on available flow.

^bU isotopes are U-233,234 + U-235 + U-238.

^cTotal suspended solids (TSS) is analyzed when the composite sampling period is within TSS hold-time limits.

The following sections include summary tables and plots showing the applicable 30-day and 12-month rolling averages for the POE analytes. The following evaluations include all results that were not rejected through the verification and validation process. Data are generally presented to decimal places as reported by the laboratories. Accuracy should not be inferred; minimum detectable concentrations/activities and analytical error are often greater than the precision presented. When a sample has a corresponding field duplicate, the value used in calculations is the arithmetic average of the ‘real’ and the ‘duplicate’ values. When a sample has multiple ‘real’ analyses (Site requested ‘reruns’), the value used in calculations is the arithmetic average of the multiple ‘real’ analyses.⁴

Refer to the analytical data accompanying this document for further information.

3.1.4.1 Location GS10

Monitoring location GS10 is located on South Walnut Creek just upstream of the B-Series Ponds (Figure 3–1). The central portion of the COU contributes flow to GS10 through FC-4 and FC-5.

Table 3–9 shows that many of the annual average Pu and Am activities at GS10 were greater than 0.15 pCi/L during active Site closure. However, a significant reduction in both Pu and Am activities has been observed following Site closure. With the completion of the FCs, implementation of enhanced erosion controls, revegetation, soil stabilization, and lack of substantial runoff, transport of Pu and Am has been virtually eliminated. Figure 3–12 shows no reportable Pu or Am values during the quarter.

Table 3–9. Annual Volume-Weighted Average Radionuclide Activities at GS10 for 1997–2007

Calendar Year	Volume-Weighted Average Activity (pCi/L)		
	Am-241	Pu-239,240	Total U
1997	0.266	0.260	2.78
1998	0.109	0.158	3.06
1999	0.274	0.139	2.49
2000	0.421	0.195	2.23
2001	0.075	0.080	2.91
2002	0.087	0.061	2.88
2003	0.117	0.113	2.68
2004	0.136	0.314	2.48
2005	0.185	0.238	8.27
2006	0.010	0.014	13.43
2007	0.010	0.022	11.89
Total (1997–2007)	0.184	0.168	3.51

Notes: Data through July 22, 2007.

⁴ Significant differences in values for a data pair are an indication of potential problems with sample preparation and/or analysis. Under these circumstances, an applicable value to be used for comparison cannot be determined with sufficient confidence to make compliance decisions. As such, an evaluation of the DER or RPD depending on the analyte, is required to assess the representativeness of the sample and its usability for compliance decisions (see Section 8.2.3 of the RFSOG for discussion).

Figure 3–13 shows reportable 12-month rolling averages for total U during the quarter. Details regarding notification and source evaluation are contained in Section 2.2.1.1, “Notification and Source Evaluation for Reportable 12-Month Rolling Total Uranium Values at RFCA Point of Evaluation GS10” of the *Quarterly Report of Site Surveillance and Maintenance Activities: Second Quarter Calendar Year 2006* (DOE 2006h). The Site continues to evaluate, in coordination with CDPHE, the measured U concentrations at GS10. Recent data are summarized below in a source evaluation update.

Table 3–10 shows that all of the annual average metals concentrations were less than the standard/PQL. Additionally, the long-term metals averages (1997–2007) were all less than the standard/PQL. Figure 3–14 shows that none of the 85th percentile 30-day average metals concentrations were reportable for the quarter.

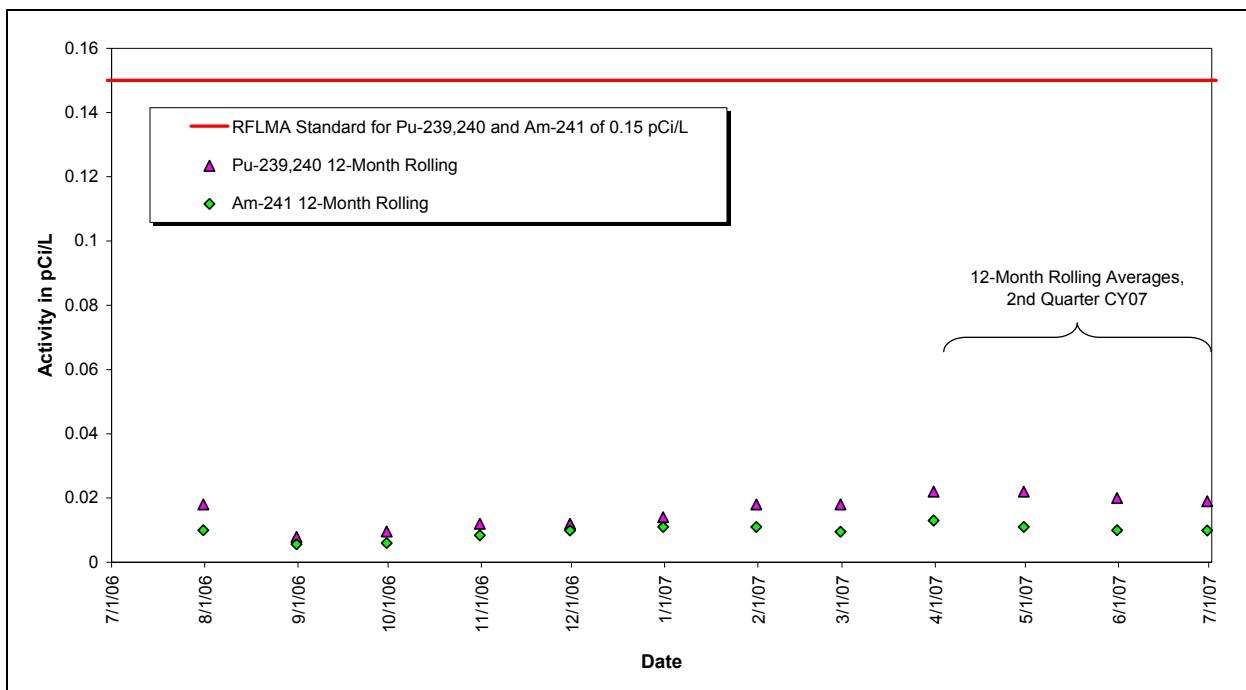


Figure 3–12. Volume-Weighted Average Pu and Am Compliance Values at GS10: Calendar Year Ending Second Quarter of CY 2007

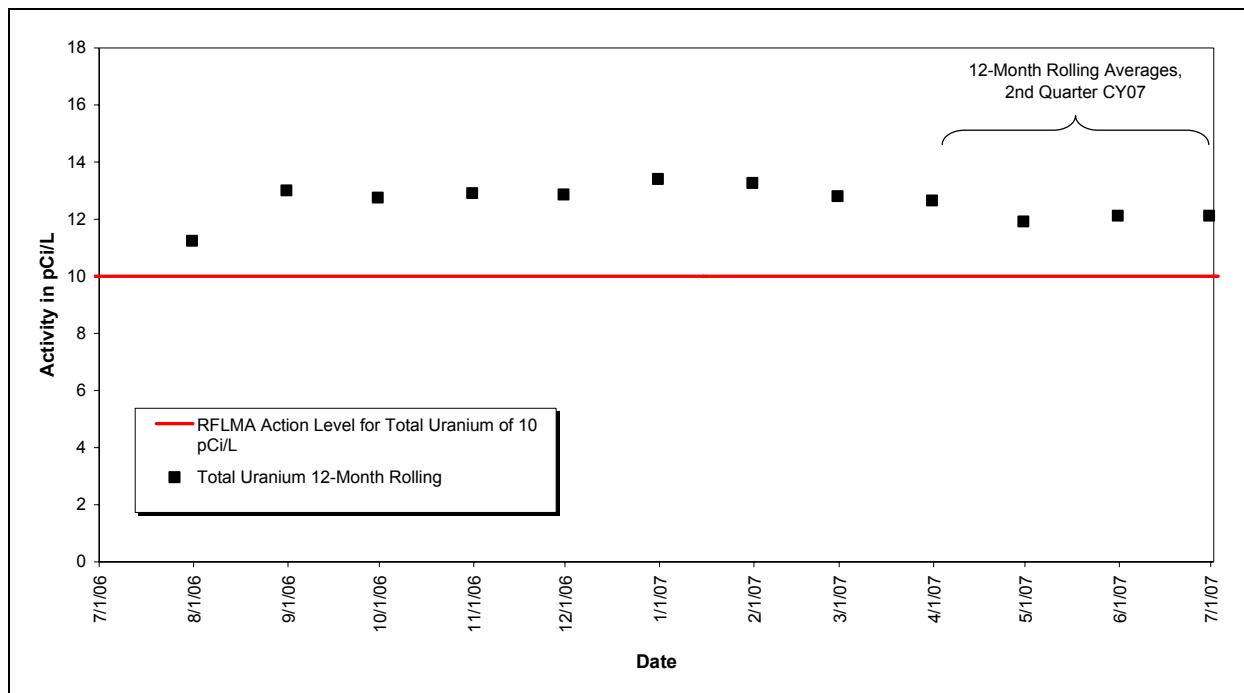


Figure 3–13. Volume-Weighted Average Total U Compliance Values at GS10: Calendar Year Ending Second Quarter of CY 2007

Table 3–10. Annual Volume-Weighted Average Hardness and Metals Concentrations at GS10 for 1997–2007

Calendar Year	Volume-Weighted Average Concentration ($\mu\text{g}/\text{L}$)				
	Hardness (mg/L)	Total Be	Dissolved Cd	Total Cr	Dissolved Ag
1997	138	0.50	0.09	4.05	0.11
1998	162	0.15	0.13	3.32	0.20
1999	139	0.16	0.07	4.08	0.15
2000	181	0.21	0.11	3.65	0.11
2001	222	0.32	0.11	5.95	0.11
2002	277	0.24	0.09	5.38	0.10
2003	228	0.22	0.10	6.91	0.12
2004	227	0.60	0.10	13.1	0.13
2005	401	0.88	0.06	17.5	0.15
2006	604	0.50	0.05	0.74	0.10
2007	365	0.50	0.11	0.90	0.11
Total (1997–2007)	213	0.35	0.10	6.17	0.13

Notes: Hardness units in mg/L. Data through July 22, 2007.

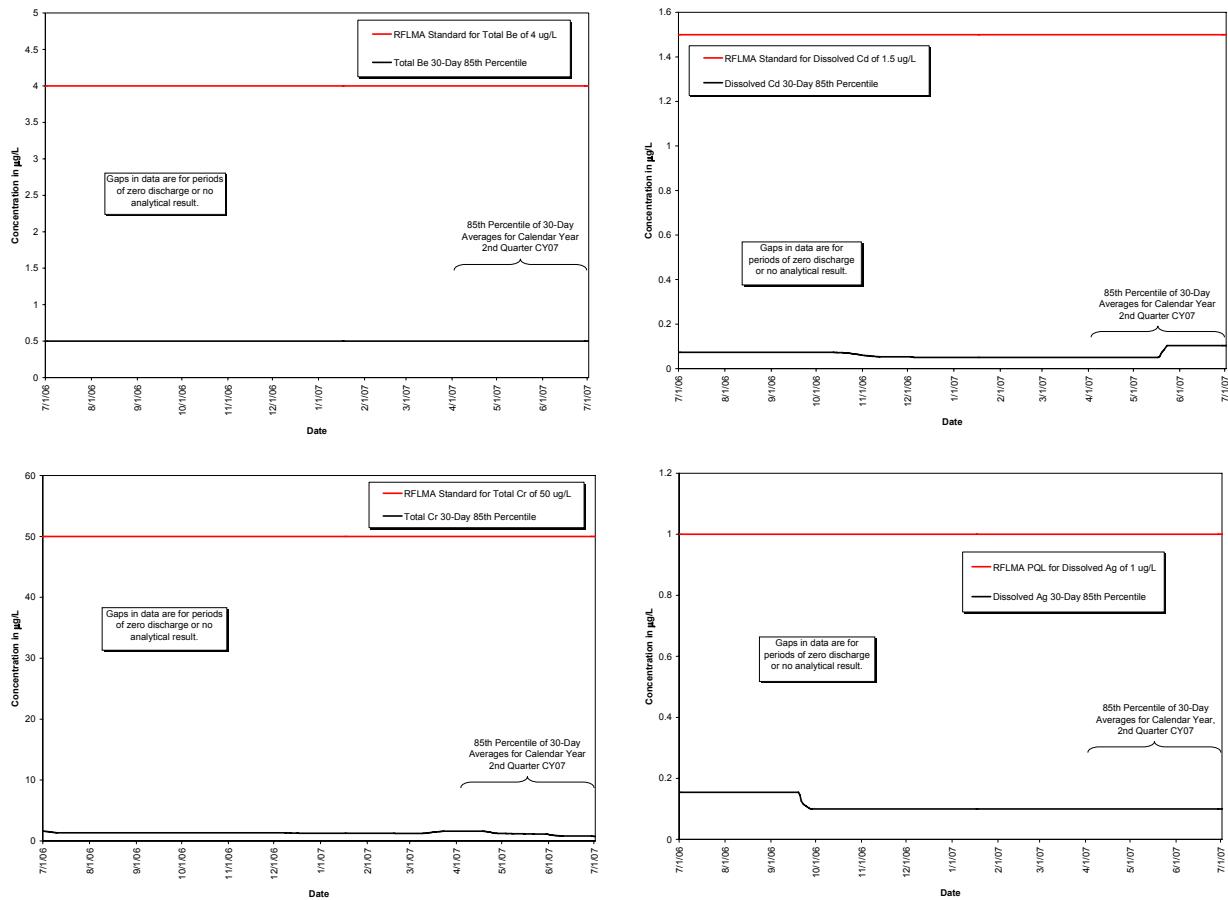


Figure 3–14. Volume-Weighted Average Metals Compliance Values at GS10: Calendar Year Ending Second Quarter of CY 2007

Summary of Recent Reportable 12-Month Rolling Total U Values at POE GS10

This section provides follow-up information regarding the Site's July 13, 2006, notification of observed reportable concentrations of U in surface water at RFCA POE surface water monitoring location GS10, which is located in South Walnut Creek upstream of Pond B-1 in the Walnut Creek basin (Figure 3–1). Reportable U levels continue to be observed at GS10. The Site continues to evaluate, in coordination with CDPHE, the measured U concentrations at GS10.

DOE first became aware of the reportable 12-month rolling averages when all U sample results were validated on July 6, 2006. To meet the RFCA commitment at the time, DOE transmitted notification to EPA and CDPHE within the 15-day reporting period, which ended July 21, 2006. In addition, RFCA required that DOE, within 30 days of gaining knowledge of the reportable results, submit to EPA and CDPHE a source evaluation plan addressing reportable values. The July 13, 2006, notification letter served as both the comprehensive notice and the plan for that source evaluation, based on consideration for other evaluative work already performed in this drainage.

The characteristics of the current reportable period for U at GS10 are consistent with those for the previous reportable period during the summer of 2005. DOE provided notice for that reportable period on August 16, 2005 (05-DOE-00522).

The calculated 12-month rolling average for total U triggered the reporting requirements under RFCA Attachment 5, Section 2.4 (B) and subsequently Section 6.0 of Attachment 2 to RFLMA, for April 30, 2006, through June 30, 2007 (for details, see Table 3–11). All data used in the calculation of the 12-month rolling average have been validated. The end of the reportable period will be determined by subsequent data. Recent analytical results are listed in Table 3–12.

Table 3–11. Reportable 12-Month Rolling Average Values for POE Monitoring Location GS10

Analyte	Dates of Reportable Values	Range of 12-Month Rolling Average Values (pCi/L)
Total U	4/30/06-to be determined	10.19–13.41

Note: The standard for total U in Walnut Creek is 10 pCi/L.

Table 3–12. Recent Analytical Results for Composite Samples Collected at GS10

Composite Sample Start Date	Total U Analytical Result (pCi/L)
8/30/2006	5.74
10/2/2006	8.66
10/24/2006	11.71
10/28/2006	14.17
11/27/2006	16.94
1/10/2007	10.84
2/8/2007	13.82
3/2/2007	12.14
3/25/2007	17.31
4/17/2007	14.92
4/24/2007	8.46
4/25/2007	13.18
5/1/2007	15.12
5/10/2007	12.79
5/24/2007	12.83
5/31/2007	11.45
7/5/2007	6.88

On July 31, the Site filed a Petition for Rulemaking with the Colorado Water Quality Control Commission (WQCC) to change the uranium surface water standard for the stream segments of Big Dry Creek on Rocky Flats. The change is requested to replace the Site Specific Standard established in 1989 based on ambient levels when the plant was operating with the Statewide Basic Standard adopted by the WQCC in 2005. The Statewide Basic Standard is based on Maximum Concentration Limits for drinking water. The Site met with local municipalities technical staff on August 8 to discuss the petition for rulemaking. Attendees were mainly interested in the Site's planned sampling and analysis to confirm the uranium in water at the Site is predominantly naturally occurring. The Site intends to consult and develop consensus with the municipalities throughout the rulemaking process with the results of this consultation being

subsequently presented to the WQCC. The WQCC has decided to accept the petition and set the matter for formal rulemaking, but set a hearing date for January 2009 instead of the date requested in the petition of January 2008.

The following evaluation for South Walnut Creek monitoring station GS10 covers data received through August 29, 2007. Laboratory analyses for three composite samples collected for the periods July 23–August 6, 2007, and August 6–21, 2007, have not been completed. The composite sample started on August 21, 2007, is still in progress. The following are included in this assessment:

- Evaluation of ongoing automated surface water monitoring at GS10;
- Estimation of U loads at GS10; and
- Evaluation of water-quality trends and correlations at GS10.

Downstream Water Quality Monitoring

Water flowing through GS10 also passes through the lower B-Series Ponds (Ponds B-4 and B-5) and South Walnut Creek before leaving the Site. POCs GS08 (Pond B-5 outlet) and GS03 (Walnut Creek at Indiana Street) again monitor this water during Pond B-5 discharges.

Pond B-5 was pre-discharge sampled on February 28, 2007. The total U concentration for that sample was 7.82 pCi/L. Pond B-5 was direct-discharged through the outlet to South Walnut Creek through POC GS08 starting on March 1, 2007, and ending on March 13, 2007. During the discharge period, six composite samples were collected at both POC GS08 and POC GS03. Total U concentrations in the GS08 samples ranged from 11.1 to 9.36 pCi/L. The 12-month rolling average at GS08 for March 31, 2007, was 9.99 pCi/L, just below the standard. Total U results at GS03 during the discharge ranged from 6.38 to 4.38 pCi/L; the highest 30-day average resulting from the discharge was 5.35 pCi/L.⁵

Pond B-5 was again pre-discharge sampled on May 4, 2007. Total U results for this sample (Site results) were significantly different than CDPHE results from the split sample. Based on the discrepancy, the decision was made to resample Pond B-5 for total U; samples were collected on June 7, 2007. The total U concentration for the June 7, 2007, sample was 7.8 micrograms per liter ($\mu\text{g}/\text{L}$) (approximately 5.35 pCi/L). Based on that result, Pond B-5 was direct-discharged through the outlet to South Walnut Creek through POC GS08 starting on July 5, 2007, and ending on July 12, 2007. During the B-5 discharge period, two composite samples were collected at POC GS08 and three composite samples were collected at POC GS03. Total U concentrations in the GS08 samples were 4.29 and 4.87 pCi/L. The 12-month rolling average at GS08 for July 31, 2007, was 8.39 pCi/L. Total U results at GS03 during the B-5 discharge ranged from 3.47 to 3.99 pCi/L; the highest 30-day average at GS03 during the B-5 discharge was 2.17 pCi/L.⁶

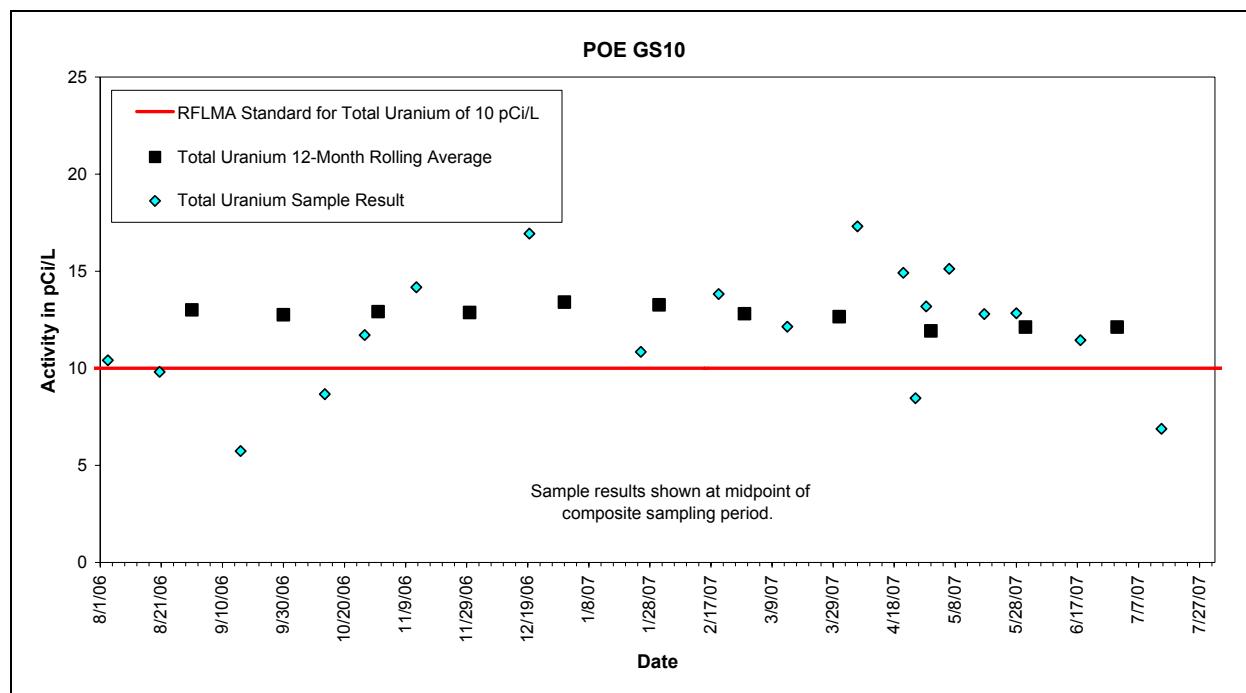
⁵ Pond A-4 was concurrently discharged with Pond B-5 in March 2007; samples collected at GS03 included commingled water from both ponds.

⁶ Pond A-4 was also concurrently discharged with Pond B-5 in July 2007; samples collected at GS03 included commingled water from both ponds.

GS10 Monitoring Results

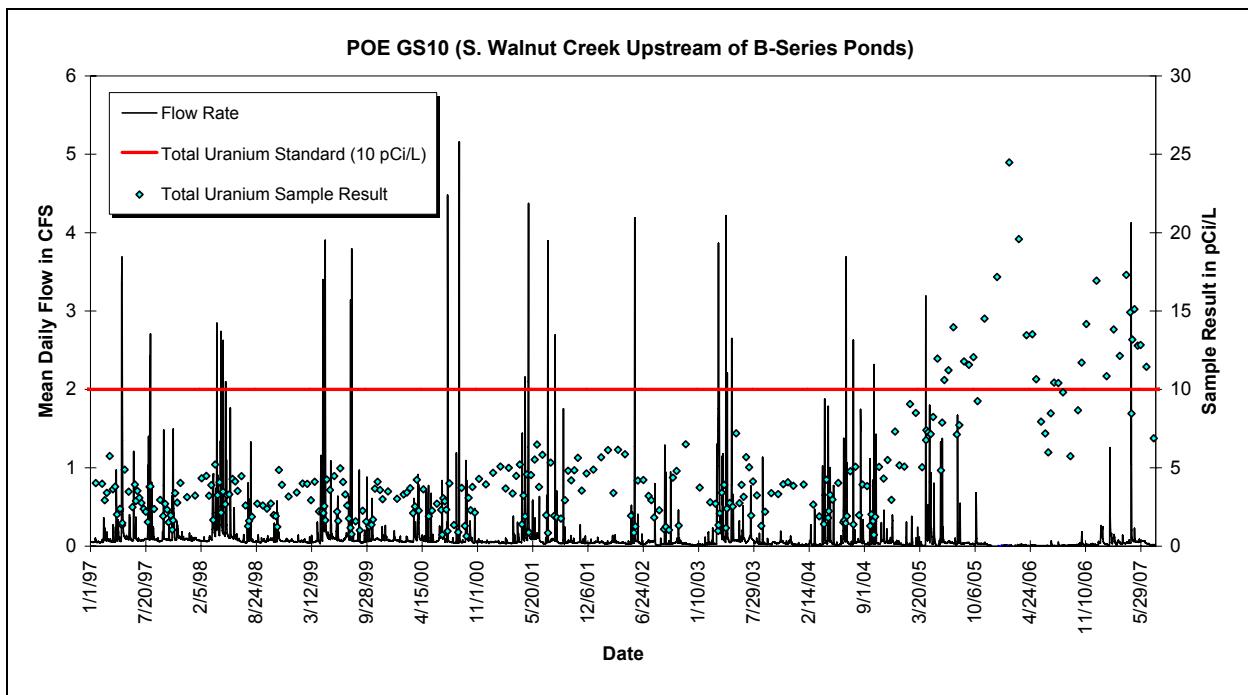
As specified in RFLMA, the Site demonstrates compliance using 12-month rolling average values for select radionuclides at POE surface water monitoring locations. Results for recent 12-month rolling average values using available data at GS10 are summarized in Table 3–11. Figure 3–15 shows the calculated compliance values and the individual sample results at GS10 for the previous CY period.

All analytical results for the composite samples collected during the period of reportable values have been validated. A review of historical GS10 monitoring data shows that these results are measurably higher than those for previous years (Figure 3–16). The significant reduction in runoff following Site closure can also be clearly seen in Figure 3–16.



Note: Data through July 22, 2007.

Figure 3–15. POE Monitoring Station GS10: Compliance Values and Individual Sample Results for Total U (August 1, 2006–July 22, 2007)



Note: Data through July 22, 2007. Total uranium standard on this plot is shown for reference only; only 12-month rolling averages are compared to the standard.

Figure 3–16. POE Monitoring Station GS10: Hydrograph and Individual Sample Results for Total U (January 1, 1997–July 22, 2007)

Data Summary and Analysis

Monitoring data were extracted from the former Soil Water Database or the current SEEPro database. The following list describes the environmental data compilation process:

- Individual sample result values are calculated as arithmetic averages of real and field duplicate results when both results are from the same sampling event;⁷
- When available, Site-requested laboratory reruns are averaged with initial runs for the same sampling event;
- Laboratory duplicate and replicate quality control results are not used;
- When negative values for actinide measurement are returned from the laboratories due to blank correction, 0.0 pCi/L is used in the calculations;
- Only total radionuclide measurements are used; and
- Data that did not pass validation (rejected data) are not used.

⁷ Radionuclide data pairs are averaged when the DER is less than 1.5; sample pairs with DER ratios in excess of 1.5 are not used due to inferred lack of confidence in either result.

Verification and Validation of Surface Water Analytical Results

Prior to Site closure, all surface water isotopic data are either verified or validated, based on criteria determined by the Kaiser-Hill Analytical Services Division, or at the special request of the requestor. Approximately 75 percent of all isotopic data are verified and the remaining 25 percent are validated. Validation is typically determined randomly for each subcontracted laboratory, based on the specific analytical suites. This random validation selection may or may not routinely include POE or POC locations. However, when reportable values are observed, all analytical results used in the calculations receive formal validation.

Under current LM procedures, all data are validated prior to being loaded into the SEEPro database.

High-Resolution Inductively Coupled Plasma/Mass Spectrometry and Thermal Ionization Mass Spectrometry Analyses

Prior to Site closure, ground water and surface water samples from select locations were sent to Los Alamos National Laboratory (LANL) for high-resolution inductively coupled plasma/mass spectrometry (HR ICP/MS) and/or thermal ionization mass spectrometry (TIMS) analyses. These analytical methods measure mass ratios of four U isotopes (masses 234, 235, 236, and 238). Isotopic ratios provide a signature that indicates whether and the extent to which the source of U is natural or anthropogenic (manmade).

In August 2005, South Walnut Creek surface water samples from SW056, SW141, and GS10, and ground water samples from upgradient wells (91305, 99305, 91203, and 99405) were evaluated using HR ICP/MS and TIMS. The results indicate that, although concentrations of U vary widely, all the ground water and surface water locations produce water samples with a predominantly natural U isotopic signature. Location GS10, however, displayed a higher percentage of anthropogenic U than the other locations. Concentrations of U in ground water samples collected in August 2005 from wells located upstream of GS10 vary from less than 5 µg/L at well 91203 (with a 93.4 percent natural U isotopic signature) to nearly 400 µg/L at well 99405 (with an isotopic signature that is 99.9 percent natural U). (A previous sample from the original well at this location, 99401, produced a sample with a concentration of just over 650 µg/L U that was 100 percent natural.)

The results of all the HR ICP/MS and TIMS analyses are summarized in a report titled *Quantitative Evaluation of Mixture Components in RFETS Uranium Isotopic Analyses: Development & Verification/Validation of Calculations using an Excel Spreadsheet* by Dr. David R. Janecky, LANL (Janecky 2006; included as Attachment 3 to Section 8 of the Remedial Investigation/Feasibility Study (RI/FS) Report published in June 2006). This report provides a summary of the HR ICP/MS and TIMS results and calculations of U isotopic mixtures (mixtures between natural and anthropogenic [enriched and depleted] U). Dr. Janecky's analysis concludes that the U at GS10 is dominated by natural U, with a lesser amount of depleted and minimal enriched U. An earlier sample analyzed by LANL, collected in May 2002, shows a generally similar isotopic signature, although the relative fraction of anthropogenic U is smaller as shown in Table 3-13.

Table 3–13. U Concentrations and Isotopic Signatures from Samples Collected at GS10 as Reported by LANL

Date	U Concentration, µg/L	% Depleted U	% Enriched U	% Natural U
5/1/2002	9.6	22.1	0.04	77.8
8/11/2005	13.2	36.2	0.10	63.7

Source: Data are from RI/FS Section 8, Attachment 3, and have been normalized to 100 percent.

The samples from GS10 summarized in Table 3–13 illustrate the isotopic variability of the mixture of direct runoff and ground water that contributes to surface water flow at this location. Over longer periods, this variability may have a greater influence on the characteristics of the U in surface water, both concentration and signature.

The Site is currently in the process of submitting additional samples to LANL for high-resolution isotopic analyses. High-resolution U analyses will be performed by LANL on samples from several locations (Table 3–14). A new, two-phased sampling procedure is now required by LANL to ensure their facility and equipment are properly maintained. Excess sample volume is now collected from the given location; the full volume is preserved with high-purity acid; and an aliquot is shipped to a routine laboratory for analysis of gross alpha, gross beta, gross gamma, and (if not already included in the routine analytical suite) total U. The results from this suite of analyses are provided with the sample that is shipped to LANL, the volume of which is based on the total U result so as to provide approximately 2 µg of total U. This new process increases the time between sample collection and receipt of the LANL results by several weeks.

The first set of samples will represent the locations in Table 3–14. These samples will be collected and shipped to the routine laboratory in September 2007. Results from LANL analyses are anticipated to be received in late October or November, and will be reported in the CY 2007 Annual Report.

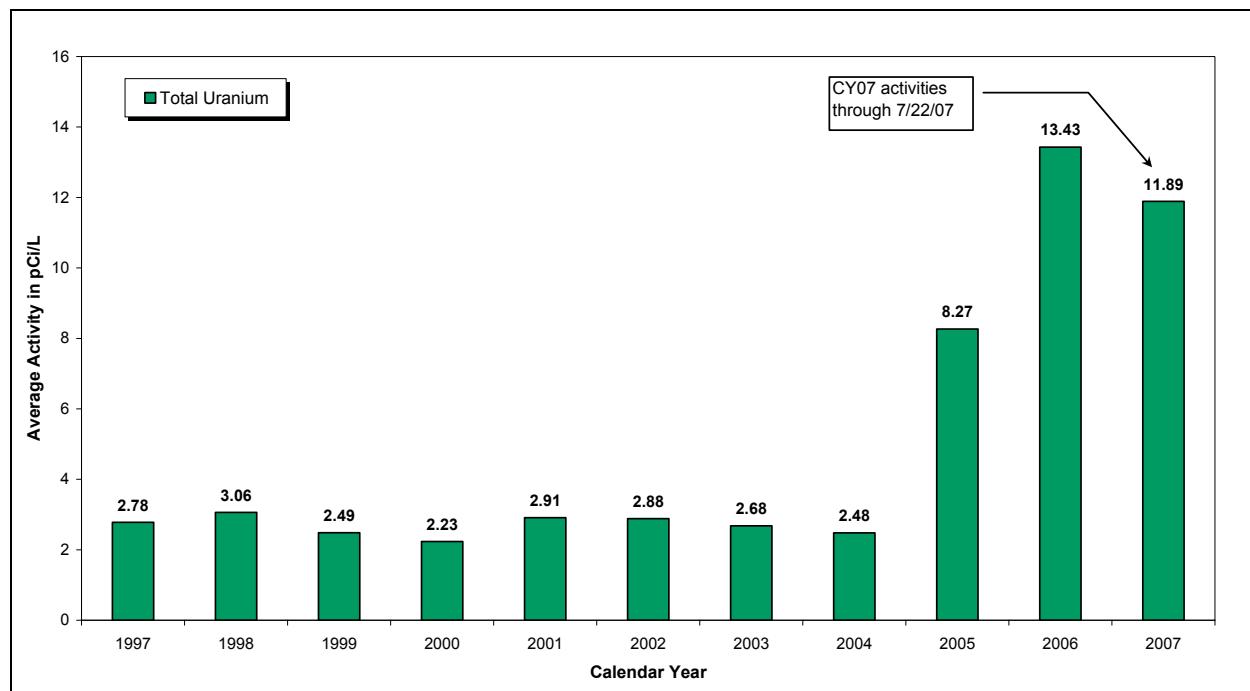
Table 3–14. Locations Selected for Sampling and High-Resolution U Analysis

Sample Location	General Area	Reason for Sampling
Well 80205	Downgradient OLF	Statistically elevated in U concentration with respect to upgradient well; has not been analyzed for anthropogenic/natural signature before
Well 10594	North Walnut Creek downgradient of SPP	Confirm still predominantly natural U
Well 99405	South Walnut Creek near former B991	Confirm the elevated U concentrations are still predominantly natural
GS03	Walnut Creek at Indiana Street	Confirm still predominantly natural U
SPP Discharge Gallery	North Walnut Creek above Pond A-1	Confirm still predominantly natural U
GS10	South Walnut Creek	Confirm still predominantly natural U

Total U at GS10: Data Summary

Figure 3–17 shows the volume-weighted average annual activity-concentrations (concentration in surface water expressed as activity per unit volume) for total U at GS10 during CY 1997–2007. A measurable increase in concentration is noted starting in 2005.

Annual total U loads (mass) for GS10 in grams are plotted on Figure 3–18 to show long-term loading at GS10. For 1997–2007, the activity-concentration for each flow-paced composite sample is multiplied by the associated discharge volume to get picocuries (pCi), then converted to grams and totaled annually. Although reportable compliance values were observed during the 2005–2007 period, and concentrations in Figure 3–17 show a measurable increase, the loads for 2005–2007 are close to historical ranges, and measurably lower in CY 2006. This further suggests that the recently observed increased U concentrations at GS10 may be a result of changing hydrologic conditions, and not significant increases in the quantity of U reaching the creek.



Note: Data through July 22, 2007.

Figure 3–17. Average Annual Total U Concentrations at GS10: 1997–2007

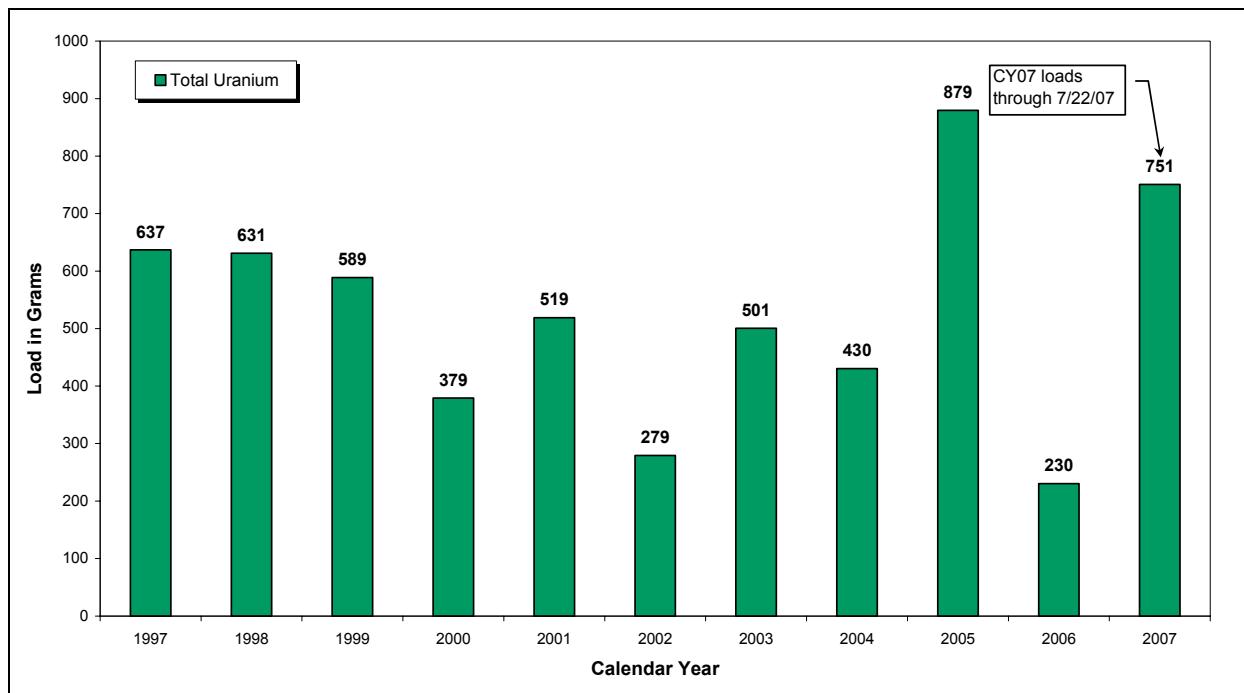


Figure 3–18. Annual Total U Loads at GS10: 1997–2007

Figure 3–19 shows that the higher U concentrations are generally associated with lower flow rates, during periods of extended baseflow sustained by ground water contributions.⁸ As the area of impervious surfaces in the GS10 drainage was reduced by Site closure (i.e., removal of buildings, asphalt, and concrete), direct runoff to GS10 was also reduced. Similarly, removal of Site infrastructure likely resulted in reduced baseflow contributions from domestic and sanitary water leakage.⁹ Therefore, ground water contributions to the creek over the same period comprised an increasing portion of the flows monitored at GS10. Ground water data from monitoring wells located near South Walnut Creek show naturally occurring U in concentrations that are considerably higher than the surface water standard. Without the attenuation of U from ground water sources by direct runoff and infrastructure leakage, increases in surface water U concentrations would be expected.

Hardness is collected for all composite samples at GS10 to support metals evaluation. Figure 3–20 shows individual sample results for hardness plotted with flow rate. A measurable increase in hardness is noted during the recent period of reduced flow rates and increased U concentrations (see Figure 3–16).¹⁰ Since ground water generally shows higher hardness than surface water runoff, these data further suggest an increase in the proportion of ground water in flows at GS10.

⁸ These ground water contributions occur as localized or distributed seeps to the streambed.

⁹ Leaks from domestic and sanitary utility lines are presumed to have lower U concentrations than natural ground water sources.

¹⁰ The measurably higher hardness concentrations starting in 2001 have been attributed to changes in the deicing products used at Rocky Flats during the winter of 2000–2001.

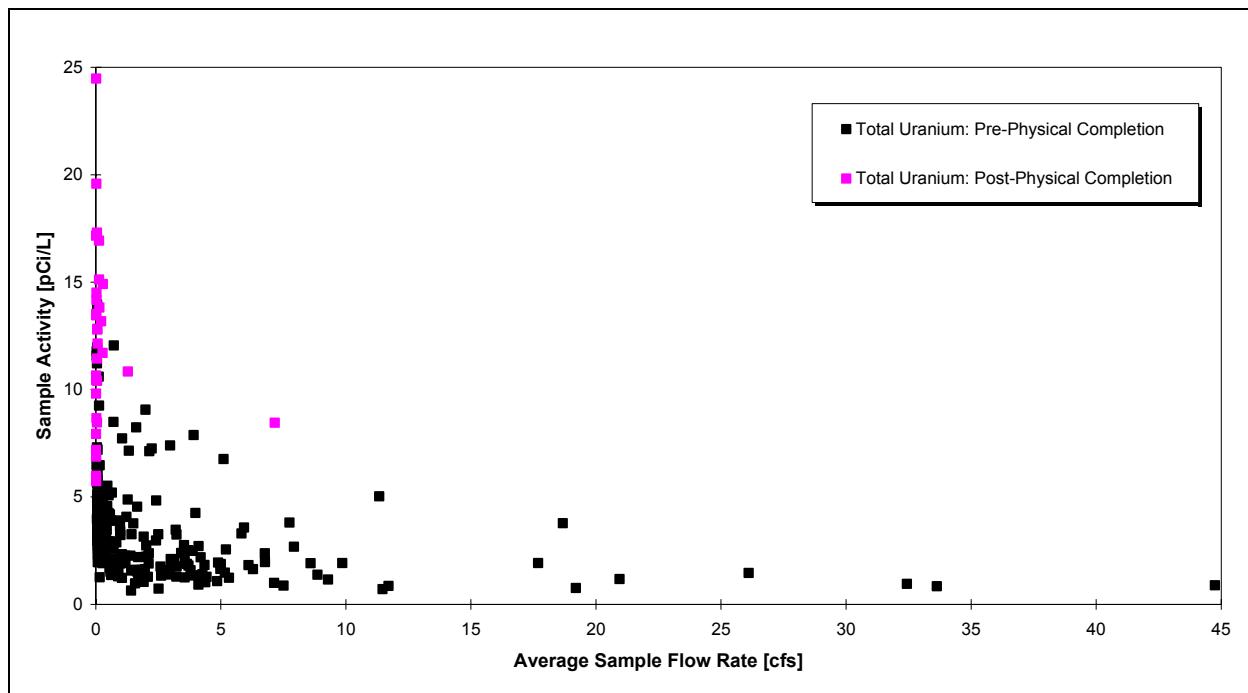


Figure 3–19. Variation of Total U Concentration with Flow Rate at GS10: 1997–2007

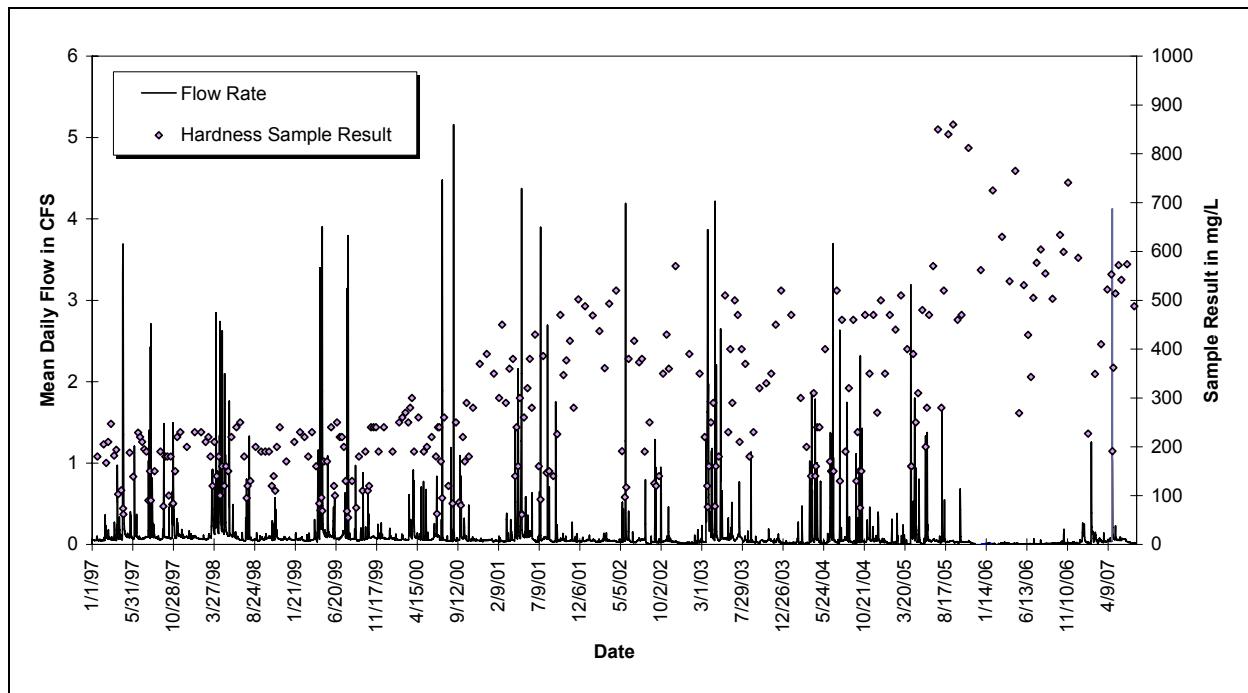


Figure 3–20. POE Monitoring Station GS10: Hydrograph and Individual Sample Results for Hardness (January 1, 1997–July 22, 2007)

Summary and Conclusions

Based on the above evaluation, Site personnel conclude that the recent U activities at GS10 are likely a result of changing hydrologic conditions (particularly the increasing ground water component in surface water flows at GS10, relative to conditions that prevailed prior to Site closure), and that no specific remedial action(s) is indicated at this time. The data do not suggest a previously unknown localized source(s) of contamination that warrants targeted remediation. The current conclusions are summarized below:

- Data collected from all terminal pond and fenceline POCs remain below reporting thresholds for all monitored analytes. However, increased U concentrations are being observed downstream of GS10.
- Past HR ICP/MS and TIMS analyses for both ground water and surface water samples collected upstream of GS10 all show a predominantly natural U signature. While the two analyses of surface water from GS10 indicate the existence of some depleted U, the normal variability of direct runoff and ground water flow would be expected to strongly influence the U characteristics, both concentration and signature, over longer periods. To fully understand this variability, additional U data as they relate to the appropriate water-quality action level would need to be evaluated. As discussed above, the Site is currently in the process of submitting additional samples to LANL for high-resolution isotopic analyses.
- Ground water data within South Walnut Creek show naturally occurring U activities considerably higher than the surface water standard. Baseflow at GS10 is sustained by ground water expressions in the form of both localized seeps and distributed flow to the streambed.
- Surface water data from GS10 show that the higher U concentrations are associated with lower flow rates, during periods of extended baseflow sustained by ground water contributions. As the amount of impervious surface at the Site was reduced, direct runoff to GS10 was also reduced. Similarly, removal of Site infrastructure likely resulted in reduced baseflow contributions from domestic and sanitary water leakage. Therefore, ground water contributions to South Walnut Creek now make up a larger portion of the flows monitored at GS10. Without the attenuation of U ground water sources by direct runoff and infrastructure leakage, increases in surface water U concentrations would be expected.

3.1.4.2 Location SW027

Monitoring location SW027 is located at the end of the SID at the inlet to Pond C-2 (Figure 3–1). The southern portion of the COU contributes flow to SW027 through the SID.

Table 3–15 shows that the majority of the annual average Pu and Am activities were less than 0.15 pCi/L. The significant increase in 2004 was the result of increased solids transport from disturbed areas associated with the 903 Pad/Lip accelerated actions. However, a significant reduction in both Pu and Am activities has been observed following completion of accelerated actions in the drainage. With the completion of the 903 Pad/Lip actions, implementation of enhanced erosion controls, revegetation, soil stabilization, and lack of substantial runoff, transport of Pu and Am approaching the action level has been virtually eliminated. The total U annual average activities are well below 11 pCi/L.

The composite sample started on April 26, 2007, was still in progress as of September 6, 2007. As such, no 12-month rolling averages are calculated for the second quarter of CY 2007 (Figure 3–21 and Figure 3–22).

Table 3–15. Annual Volume-Weighted Average Radionuclide Activities at SW027 for 1997–2006

Calendar Year	Volume-Weighted Average Activity (pCi/L)		
	Am-241	Pu-239,240	Total U
1997	0.008	0.036	1.48
1998	0.021	0.156	3.45
1999	0.019	0.066	1.90
2000	0.060	0.348	1.10
2001	0.006	0.025	1.33
2002	0.001	0.003	0.53
2003	0.011	0.080	1.70
2004	0.413	2.273	1.05
2005	0.022	0.156	2.34
2006	NA (no flow)	NA (no flow)	NA (no flow)
2007	0.040	0.092	2.04
Total (1997–2007)	0.058	0.318	1.84

Notes: NA = not applicable. Data through April 25, 2007.

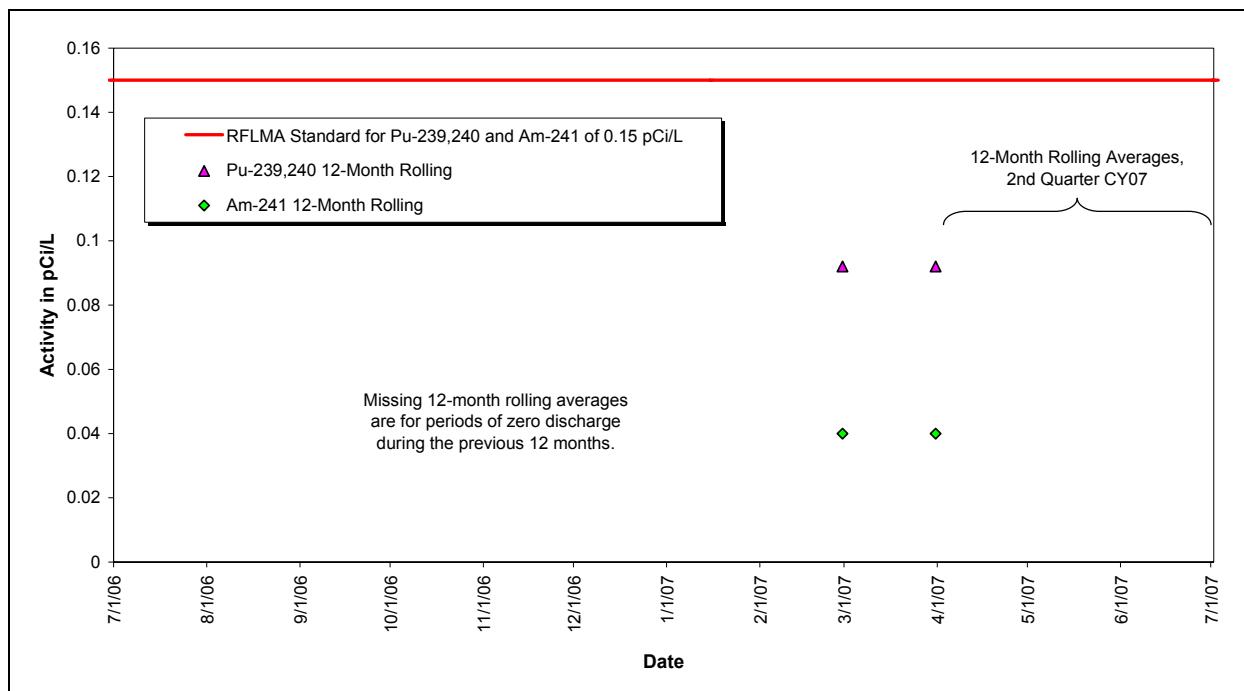


Figure 3–21. Volume-Weighted Average Pu and Am Compliance Values at SW027: Calendar Year Ending Second Quarter of CY 2007

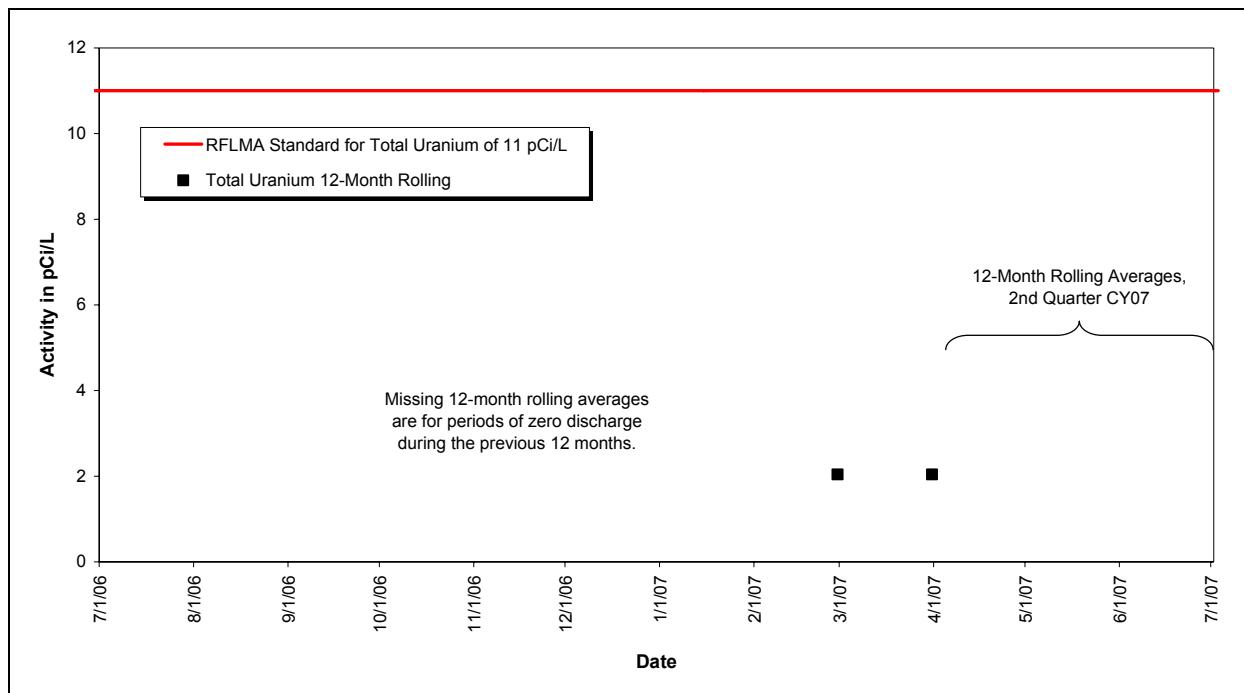


Figure 3–22. Volume-Weighted Average Total U Compliance Values at SW027: Calendar Year Ending Second Quarter of CY 2007

Table 3–16 shows that all of the annual average metals concentrations were less than the standard. Additionally, the long-term metals averages (1997–2007) were less than the standards. The composite sample started on April 26, 2007, was still in progress as of September 6, 2007. As such, no 85th percentile 30-day average metals concentrations are calculated after April 25, 2007 (Figure 3–23).

Table 3–16. Annual Volume-Weighted Average Hardness and Metals Concentrations at SW027 for 1997–2007

Calendar Year	Volume-Weighted Average Concentration ($\mu\text{g}/\text{L}$)				
	Hardness (mg/L)	Total Be	Dissolved Cd	Total Cr	Dissolved Ag
1997	112	0.44	0.09	1.71	0.10
1998	152	0.14	0.15	0.91	0.21
1999	111	0.03	0.10	1.55	0.24
2000	150	0.27	0.05	4.14	0.09
2001	145	0.23	0.07	1.82	0.12
2002	114	0.12	0.05	2.88	0.11
2003	148	0.06	0.06	1.75	0.15
2004	133	0.32	0.06	7.36	0.19
2005	236	0.08	0.07	2.03	0.19
2006	NA (no flow)	NA (no flow)	NA (no flow)	NA (no flow)	NA (no flow)
2007	133	0.50	0.05	0.50	0.10
Total (1997–2007)	138	0.21	0.08	2.28	0.16

Note: Hardness units in mg/L.

NA = not applicable

Data through April 25, 2007.

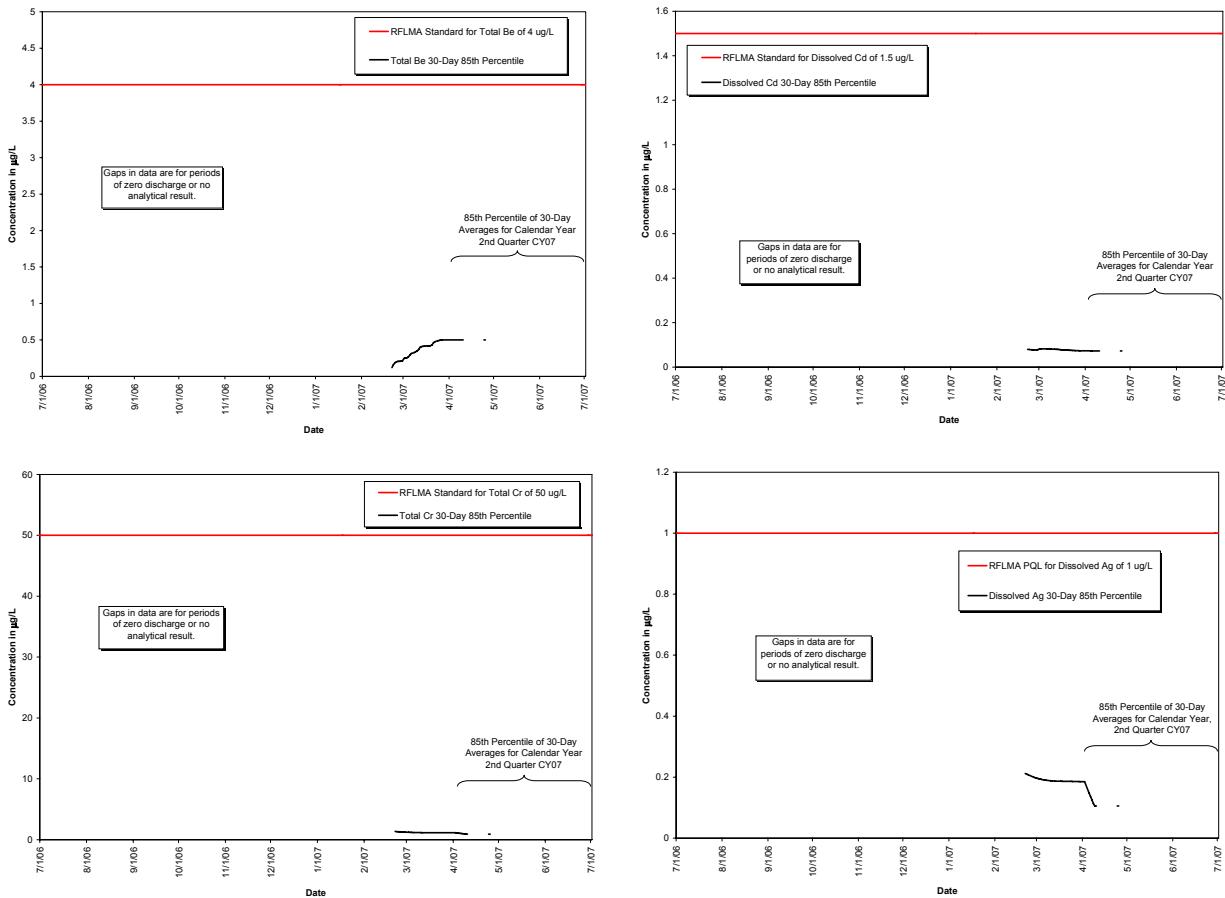


Figure 3–23. Volume-Weighted Average Metals Compliance Values at SW027: Calendar Year Ending Second Quarter of CY 2007

3.1.4.3 Location SW093

Monitoring location SW093 is located on North Walnut Creek 1,300 feet upstream of the A-Series Ponds (Figure 3–1). The northern portion of the COU contributes flow to SW093 through FC-2 and FC-3.

Table 3–17 shows that the majority of the annual average Pu and Am activities were below 0.15 pCi/L. Additionally, the long-term Pu and Am averages (1997–2007) are below 0.15 pCi/L. The average total U activities are all well below 10 pCi/L.

Table 3–17 shows an increase in Pu and Am activities during 2004. However, a significant reduction in both Pu and Am activities has been observed following Site closure. With the completion of the FCs, implementation of enhanced erosion controls, revegetation, soil stabilization, and lack of substantial runoff, transport of Pu and Am has been virtually eliminated. Figure 3–24 and Figure 3–25 show no reportable Pu, Am, or total uranium values during the quarter.

Table 3–17. Annual Volume-Weighted Average Radionuclide Activities at SW093 for 1997–2007

Calendar Year	Volume-Weighted Average Activity (pCi/L)		
	Am-241	Pu-239,240	Total U
1997	0.035	0.052	2.38
1998	0.020	0.022	2.26
1999	0.025	0.038	1.95
2000	0.022	0.040	2.06
2001	0.011	0.015	2.14
2002	0.017	0.006	2.67
2003	0.039	0.056	2.34
2004	0.622	0.603	2.50
2005	0.029	0.022	3.97
2006	0.004	0.008	5.93
2007	0.008	0.009	3.57
Total (1997–2007)	0.078	0.084	2.48

Note: Data through July 18, 2007.

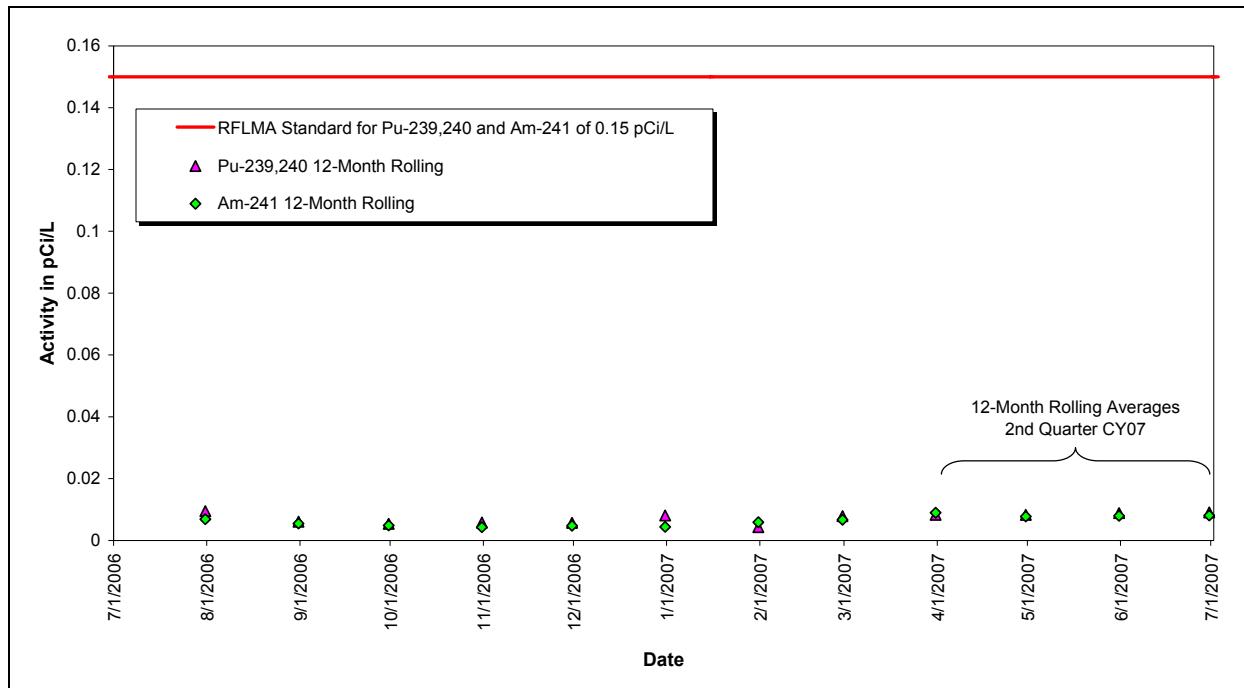


Figure 3–24. Volume-Weighted Average Pu and Am Compliance Values at SW093: Calendar Year Ending Second Quarter of CY 2007

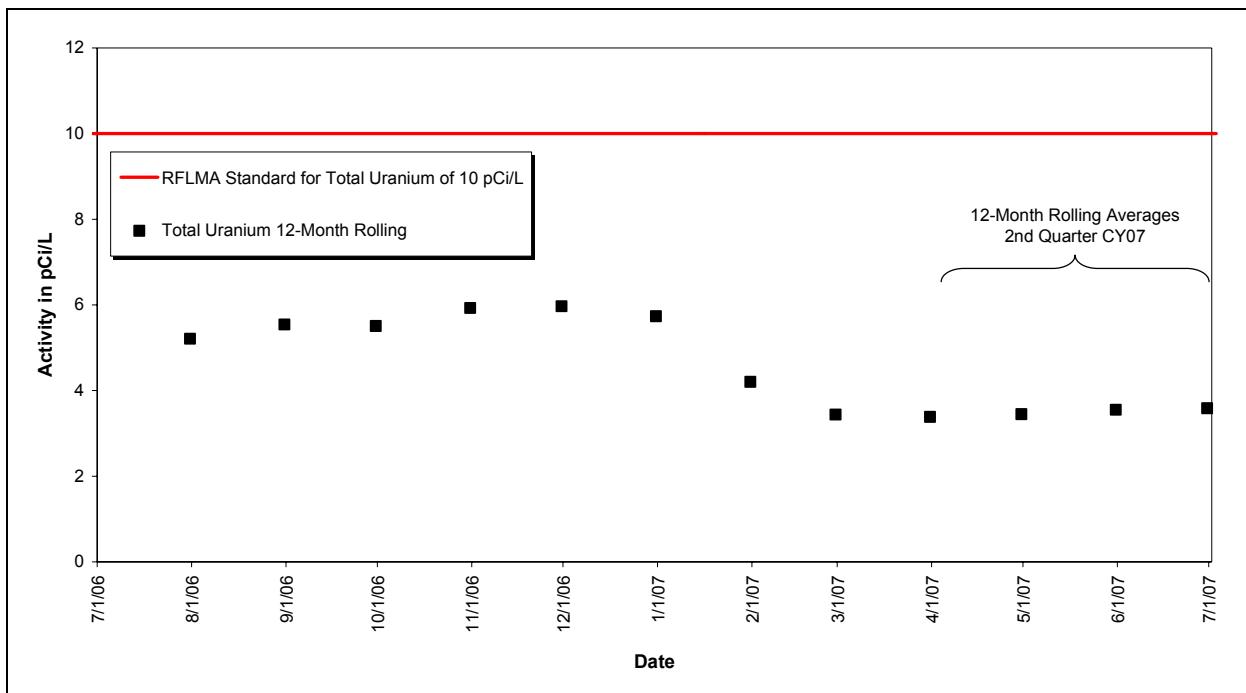


Figure 3-25. Volume-Weighted Average Total U Compliance Values at SW093: Calendar Year Ending Second Quarter of CY 2007

Table 3-18 shows that all of the annual average metals concentrations were less than the action level. Additionally, the long-term metals averages (1997–2006) were less than the action levels. Figure 3-26 shows that none of the 85th percentile 30-day average metals concentrations were reportable for the quarter.

Table 3-18. Annual Volume-Weighted Average Hardness and Metals Concentrations at SW093 for 1997–2007

Calendar Year	Volume-Weighted Average Concentration (µg/L)				
	Hardness (mg/L)	Total Be	Dissolved Cd	Total Cr	Dissolved Ag
1997	168	0.43	0.07	2.36	0.12
1998	184	0.14	0.23	2.22	0.22
1999	152	0.20	0.13	5.08	0.16
2000	231	0.21	0.08	3.94	0.11
2001	247	0.36	0.07	6.49	0.11
2002	365	0.30	0.08	5.95	0.11
2003	257	0.29	0.09	6.88	0.16
2004	315	0.57	0.09	12.05	0.12
2005	337	0.11	0.05	1.92	0.11
2006	564	0.50	0.05	0.82	0.10
2007	270	0.50	0.06	0.80	0.10
Total (1997–2007)	239	0.31	0.10	4.80	0.14

Note: Hardness units in mg/L. Data through July 18, 2007.

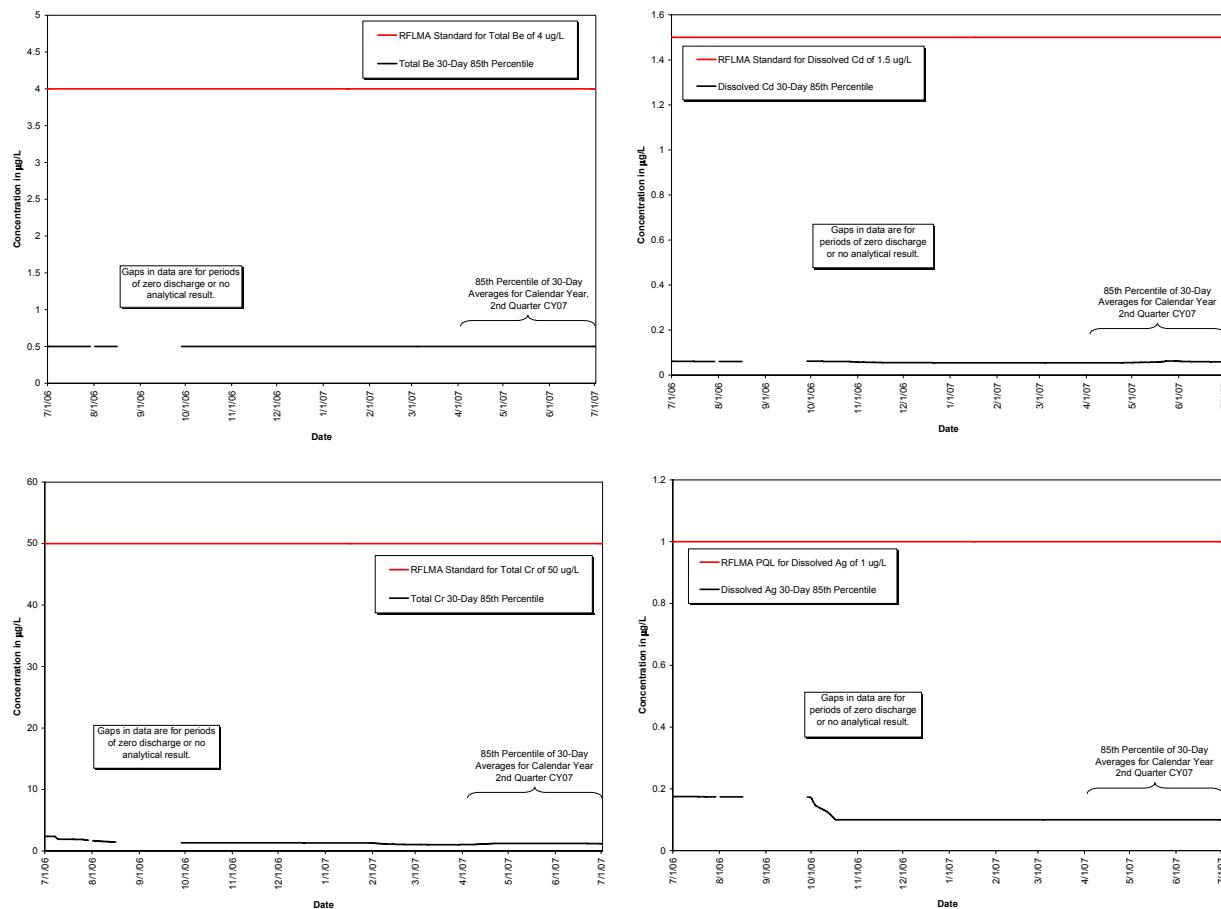


Figure 3–26. Volume-Weighted Average Metals Compliance Values at SW093: Calendar Year Ending Second Quarter of CY 2007

3.1.5 Area of Concern Wells and SW018

AOC wells (Figure 3–1 and Table 3–19) are located to evaluate potential ground water impacts to surface water. Impacts will be based on a minimum of two routinely scheduled sampling events in a row, not on a single data point. Analytical results from AOC wells are compared directly against the appropriate surface water standards in Table 1 of Attachment 2 to the RFLMA or the U threshold. Analytical data from surface water performance location SW018, where grab samples for volatile organic compounds (VOCs) are collected to support ground water objectives, are assessed in a manner similar to data from AOC wells.

Table 3–19. Sampling and Data Evaluation Protocols at AOC Wells and SW018

Location Code	Location Description	Sample Types / Frequencies	Analytes ^a	Data Evaluation
00193	Woman Creek upstream of Pond C-2	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U	see Figure 7 in Appendix D
00997	South Walnut Creek upstream of Pond B-5	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate	see Figure 7 in Appendix D
10304	Southeast of 903 Pad/Ryan's Pit Plume at Woman Creek	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate	see Figure 7 in Appendix D
10594	North Walnut Creek downstream of Pond A-1	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate	see Figure 7 in Appendix D
11104	Downgradient, downstream	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U	see Figure 7 in Appendix D
4087	Below Landfill Pond	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate	see Figure 7 in Appendix D
42505	Terminus of FC-2	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 7 in Appendix D
89104	Downgradient at Woman Creek	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 7 in Appendix D
B206989	Below Landfill Pond	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate	see Figure 7 in Appendix D
SW018	FC-2 west of former Building 771 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 7 in Appendix D

Notes: ^aSamples for the analysis of U will be field-filtered using a 0.45 micron in-line filter.

Nitrate is analyzed as nitrate+nitrite as N; this result is conservatively compared to the nitrate standard only.

3.1.5.1 Data Evaluation

All nine AOC wells were monitored in the second quarter of 2007, as was SW018.

Well B206989, located below the Landfill Pond dam, produced samples with reportable concentrations of nitrate. This well was a Sentinel well prior to the signing of the RFLMA in March 2007, at which time it was reclassified as an AOC well. As described above, under the new classification for this well, analytical results from two consecutive sets of routine samples are required to confirm an impact. Although only one set has been collected since the RFLMA was signed, this reportable condition had been anticipated due to the fact that nitrate concentrations in well B206989 have been consistently above the 10 mg/L standard. (The 100 mg/L Temporary Modification is limited to Segment 5, which does not include the No Name Gulch drainage.) Therefore, a reportable condition was proactively accepted and consultation was initiated.

Well B206989 also produces samples with more elevated levels of uranium, occasionally (most recently in April 2006) exceeding the 120 µg/L threshold concentration. Ground water from this well has been analyzed using high-resolution analytical methods to determine whether the uranium has a natural or anthropogenic isotopic signature. The result was 100 percent natural.

Appendix E includes Seasonal Kendall trend plots for nitrate and uranium in this well.

No other results from AOC wells or SW018 exceeded standards in Table 1 of Attachment 2 to the RFLMA. Additional data evaluation will be provided in the annual report for 2007.

3.1.6 Boundary Wells

Boundary wells (Figure 3–1 and Table 3–20) are located at the Walnut Creek/Indiana Street and Woman Creek/Indiana Street intersections to provide surrounding stakeholders with assurance that ground water leaving the historic extent of RFETS in these drainages is not adversely impacted by the Site.

Boundary wells are not required by the CAD/ROD, nor have they supported the technical ground water monitoring requirements defined by the preceding IMPs. However, these wells are included in the network to satisfy operational monitoring requirements in RFLMA.

Table 3–20. Sampling and Data Evaluation Protocols at Boundary Wells

Location Code	Location Description	Sample Types / Frequencies	Analytes ^a	Data Evaluation
10394	Woman Creek at Indiana Street	Annual grabs; Second calendar quarter (high-water conditions)	VOCs, U, nitrate	see Figure 7 in Appendix D
41691	Walnut Creek at Indiana Street	Annual grabs; Second calendar quarter (high-water conditions)	VOCs, U, nitrate	see Figure 7 in Appendix D

Notes: ^aSamples for the analysis of U will be field-filtered using a 0.45 micron in-line filter.

Nitrate is analyzed as nitrate+nitrite as N; this result is conservatively compared to the nitrate standard only.

3.1.6.1 Data Evaluation

Both Boundary wells were monitored in the second quarter of 2007. Results are included in Appendix A. No exceedances of standards in Table 1 of Attachment 2 to the RFLMA were reported in samples collected during this quarter.

3.1.7 Sentinel Wells

Sentinel wells (Figure 3–1 and Table 3–21) are located near downgradient edges of contaminant plumes, in drainages, at ground water treatment systems, and along contaminant pathways to surface water. These wells are monitored to determine whether concentrations of contaminants are increasing, thereby providing advance warning of potential ground water quality impacts to the downgradient AOC well(s). Confirmation of a potential impact to downgradient wells will require an analytical record that consistently indicates an impact, not a single data point that indicates a contaminant has been detected.

Sentinel wells are used to monitor the performance of an accelerated action (including soil/source removals, in situ contaminant plume treatment, ground water intercept components of treatment systems, and facility demolitions) and assess contaminant trends at important locations. Data from Sentinel wells are supplemented by those from Evaluation wells, and are used to determine when monitoring may cease or additional remedial work should be considered.

Table 3–21. Sampling and Data Evaluation Protocols at Sentinel Wells

Location Code	Location Description	Sample Types / Frequencies	Analytes ^a	Data Evaluation
00797	South of former Building 881 (B881) area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U	see Figure 8 in Appendix D
04091	East of source area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
11502	Southeast of former B444 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U	see Figure 8 in Appendix D
15699	Downgradient of MSPTS intercept trench	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
20205	North/northeast of former B771/774 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, Pu, Am	see Figure 8 in Appendix D
20505	North of former B771/774 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, Pu, Am	see Figure 8 in Appendix D
20705	North/northwest of former B771 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate, Pu, Am	see Figure 8 in Appendix D
23296	Downgradient of ETPTS intercept trench	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U	see Figure 8 in Appendix D
30002	Downgradient at North Walnut Creek	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
33703	Downgradient of source area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
37405	North/northeast part of former B371/374 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate, Pu, Am	see Figure 8 in Appendix D
37505	North part of former B371 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate	see Figure 8 in Appendix D
37705	East/southeast of former B371/374 area at foundation drain confluence	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate, Pu, Am	see Figure 8 in Appendix D
40305	East part of former B444 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U	see Figure 8 in Appendix D
45605	Adjacent to remnants of SW056 French drain and drain interruption	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
52505	West of former IHSS 118.1 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
70099	Northwest (side-gradient) of SPPTS intercept trench	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	U, nitrate	see Figure 8 in Appendix D
88104	South part of former B881 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U	see Figure 8 in Appendix D

Table 3-21 (continued). Sampling and Data Evaluation Protocols at Sentinel Wells

Location Code	Location Description	Sample Types / Frequencies	Analytes ^a	Data Evaluation
90299	Southeast part of 903 Pad/Ryan's Pit Plume at SID	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
90399	Southeast part of 903 Pad/Ryan's Pit Plume at SID	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
91203	Downgradient of Oil Burn Pit #2 source area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
91305	South of confluence of FC-4 and FC-5	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate	see Figure 8 in Appendix D
95099	Downgradient of ETPTS intercept trench	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
95199	Downgradient of ETPTS intercept trench	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
95299	Downgradient of ETPTS intercept trench	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D
99305	East part of former B991 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate	see Figure 8 in Appendix D
99405	Southeast part of former B991 area	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate	see Figure 8 in Appendix D
P210089	Downgradient (north) portion of SPP	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs, U, nitrate	see Figure 8 in Appendix D
TH046992	Downgradient of ETPTS intercept trench	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 8 in Appendix D

Notes: ^aSamples for the analysis of U will be field-filtered using a 0.45 micron in-line filter.

Nitrate is analyzed as nitrate+nitrite as N; this result is conservatively compared to the nitrate standard only.

3.1.7.1 Data Evaluation

All Sentinel wells were monitored in the second quarter of 2007 for routine purposes; refer to Appendix A for analytical results. Seasonal Kendall trend plots were prepared for those wells represented by sufficient data and results indicating trending is necessary. These plots are included in Appendix E.

Analytical data are generally consistent with previous results. These data and statistical results will be discussed in greater detail in the 2007 annual report.

3.1.8 Evaluation Wells

Evaluation wells (Figure 3–1 and Table 3–22) are located within ground water contaminant plumes and near plume source areas, and within the interior of the COU at the Site. As such, they may monitor the effects of accelerated actions that have been performed (e.g., source removal and in situ treatment). Data from these Evaluation wells are therefore appropriate to determine whether monitoring of a particular plume and source area may cease, and provide data to support the determination of whether corresponding ground water plume treatment systems may be decommissioned. In addition, Evaluation wells are used to support any ground water evaluations that may be needed as a result of changing contaminant characteristics in downgradient Sentinel and/or AOC wells. Data from these wells also assist evaluations of predictions made through ground water modeling efforts.

Table 3–22. Sampling and Data Evaluation Protocols at Evaluation Wells

Location Code	Location Description	Sample Types / Frequencies	Analytes ^a	Data Evaluation
00191	East of former 903 Pad area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
00203	Downgradient (south) portion of SPP	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U	see Figure 9 in Appendix D
00491	Southeast of former 903 Pad area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
00897	Mound Site source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
3687	East Trenches source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
03991	East of East Trenches source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
05691	East Trenches source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
07391	Ryan's Pit source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
18199	North of former IHSS 118.1 source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
20902	Northwest of former IHSS 118.1 source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
21505	West of former B776/777 area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
22205	Downgradient (north) portion of SPP	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U	see Figure 9 in Appendix D
22996	East/northeast part of former B886 area	Biennial grabs; Second calendar quarter (high-water conditions)	U, nitrate	see Figure 9 in Appendix D
30900	PU&D Yard Plume source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U, nitrate	see Figure 9 in Appendix D

Table 3-22 (continued). Sampling and Data Evaluation Protocols at Evaluation Wells

Location Code	Location Description	Sample Types / Frequencies	Analytes ^a	Data Evaluation
33502	Oil Burn Pit #1 source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U, nitrate	see Figure 9 in Appendix D
33604	Oil Burn Pit #1 source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U, nitrate	see Figure 9 in Appendix D
33905	North of former 231 Tanks area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
40005	West part of former B444 area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
40205	South part of former B444 end	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U	see Figure 9 in Appendix D
50299	East of former 903 Pad area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
51605	Downgradient, adjacent to GS13	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U	see Figure 9 in Appendix D
55905	North part of former B559 area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
56305	West part of former B559 area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
70705	East part of former B707 area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
79102	SPP source area - north	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U, nitrate	see Figure 9 in Appendix D
79202	SPP source area - north	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U, nitrate	see Figure 9 in Appendix D
79302	SPP source area - northeast	Biennial grabs; Second calendar quarter (high-water conditions)	U, nitrate	see Figure 9 in Appendix D
79402	SPP source area - northeast	Biennial grabs; Second calendar quarter (high-water conditions)	U, nitrate	see Figure 9 in Appendix D
79502	SPP source area - east	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U, nitrate	see Figure 9 in Appendix D
79605	SPP source area - east	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
88205	South part of former B881 area	Biennial grabs; Second calendar quarter (high-water conditions)	U, nitrate	see Figure 9 in Appendix D
891WEL	OU1 Plume source area	Biennial grabs; Second calendar quarter (high-water conditions)	U, nitrate	see Figure 9 in Appendix D
90402	Southeast of former 903 Pad area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U	see Figure 9 in Appendix D
90804	Southeast part of 903 Pad/Ryan's Pit Plume	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D

Table 3–22 (continued). Sampling and Data Evaluation Protocols at Evaluation Wells

Location Code	Location Description	Sample Types / Frequencies	Analytes ^a	Data Evaluation
91105	Oil Burn Pit #2 source area	Biennial grabs; Second calendar quarter (high-water conditions)	U, nitrate	see Figure 9 in Appendix D
B210489	Downgradient of SPPTS	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U	see Figure 9 in Appendix D
P210189	SEP-area VOC plume source area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U, nitrate	see Figure 9 in Appendix D
P208989	SPP source area - north	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U, nitrate	see Figure 9 in Appendix D
P114689	Southwest of former B559 area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U	see Figure 9 in Appendix D
P115589	West part of former B551 Warehouse area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs, U	see Figure 9 in Appendix D
P419689	Southeast of former B444 area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D
P416889	Southeast of former B444 area	Biennial grabs; Second calendar quarter (high-water conditions)	VOCs	see Figure 9 in Appendix D

Notes: ^aSamples for the analysis of U will be field-filtered using a 0.45 micron in-line filter.

Nitrate is analyzed as nitrate+nitrite as N; this result is conservatively compared to the nitrate standard only.

3.1.8.1 Data Evaluation

Evaluation wells were not scheduled for routine monitoring in the second quarter of 2007. However, several locations were sampled to track conditions there. These wells are shown on Figure 3–1 and Table 3–23, and the corresponding analytical results are included in Appendix A. The data will be evaluated as part of the 2007 annual report.

Table 3–23. Evaluation Wells Sampled in Second Quarter of 2007

Well ID	Area	Analyte(s)	Reason
33502	Oil Burn Pit #1	VOCs	Track changes in water quality that may result from removal of pavement, pooling/direct recharge from surface water
33604	Oil Burn Pit #1	VOCs	Track changes in water quality that may result from removal of pavement, pooling/direct recharge from surface water
18199	IHSS 118.1	VOCs	Track changes in water quality that may result from source removal and application of HRC
91105	Oil Burn Pit #2	VOCs	Track changes in water quality that may result from source removal and application of HRC
00191	903 Pad	VOCs	Track changes in water quality that may result from application of HRC
07391	Ryan's Pit	VOCs, U	Track changes in water quality that may result from application of HRC
51605	North Walnut Creek	Nitrate, U	Inspect for changes in water quality that may result from SPPTS events

3.1.9 Investigative Monitoring

When reportable water-quality measurements are detected by surface water monitoring at POEs or POCs, additional monitoring may be required to identify¹¹ the source and evaluate for mitigating action. Although not required by RFLMA, this Investigative monitoring objective is intended to provide upstream water-quality information if reportable water-quality values are detected at POEs or POCs. Data collection is generally limited to POE and POC analytes and is intended to be discontinued once acceptable water quality has been demonstrated at POEs and POCs for an extended period.

Data collection is currently implemented at the locations listed in Table 3–24 and shown on Figure 3–1. The majority of these locations are sampled primarily to satisfy other monitoring objectives, although the data are used for this Investigative objective. The current locations were not chosen in response to a specific source evaluation. They were chosen preemptively as a best management practice (BMP) immediately following completion of the Rocky Flats Site Plant/RFETS Closure Project and are intended to be discontinued under this monitoring objective based on data evaluation. Any future data collection upstream of POEs and POCs, subject to the consultative process, is not limited to the locations in Table 3–24. The parties may also elect to collect data using other methods, subject to the characteristics of the reportable water-quality values and through the consultative process.

Table 3–24. Sampling and Data Evaluation Protocols at Investigative Monitoring Locations

Location Code	Location Description	Sample Types / Frequencies	Analytes	Data Evaluation
GS05	Woman Creek at western POU boundary	Continuous flow-paced composites; frequency varies (target is 8 per year) ^a	total U isotopes ^b	see Figure 6-15 in Appendix D
GS13	North Walnut Creek just upstream of A-Series Bypass	Continuous flow-paced composites; frequency varies (target is 8 per year) ^a	total U isotopes ^b	see Figure 6-15 in Appendix D
GS51	Drainage area tributary to the SID and south of former 903 Pad/Lip	Continuous flow-paced composites; frequency varies (target is 8 per year) ^a	total Pu and Am; [TSS ^c]	see Figure 6-15 in Appendix D
GS59	Woman Creek 800 feet east of OLF	Continuous flow-paced composites; frequency varies (target is 8 per year) ^a	total U isotopes ^b	see Figure 6-15 in Appendix D
SW018	FC-2 west of former Building 771 area	Continuous flow-paced composites; frequency varies (target is 8 per year) ^a	total Pu and Am; [TSS ^c]	see Figure 6-15 in Appendix D

Notes:

^aFrequency depends on available flow.

^bU isotopes are U-233,234 + U-235 + U-238.

^cTotal suspended solids (TSS) is analyzed when the composite sampling period is within TSS hold-time limits.

3.1.9.1 Data Evaluation

During the second quarter of CY 2007, five investigative locations were operational (Table 3–24). No routine data evaluation for the Investigative objective is presented in this quarterly report. Refer to the analytical data accompanying this document for additional information.

¹¹ Note that the term “identify” is used here to mean “locate.” Characterization is also implied.

3.1.10 Present Landfill Monitoring

This objective deals with monitoring surface water and ground water at the PLF to determine the short- and long-term effectiveness of the remedy. These requirements were initially identified in the *Final Interim Measures/Interim Remedial Action for IHSS 114 and RCRA Closure of the RFETS Present Landfill*, Appendix B: Post-Accelerated Action Monitoring and Long-Term Surveillance and Monitoring Considerations (DOE 2004), and finalized in the PLF M&M Plan (DOE 2006c).

Water monitoring locations for the PLF are shown on Figure 3–1. The surface water and treatment system monitoring requirements deal specifically with the PLFTS and are discussed in detail under the Present Landfill Treatment System heading in Section 3.1.12, “Ground Water Treatment System Monitoring.” Details regarding general ground water monitoring are provided below.

Monitoring wells supporting the PLF are classified as RCRA wells. Three of these wells are located upgradient of the landfill, and three are downgradient of the landfill but upgradient of the Landfill Pond. This network and the monitoring requirements are specified in the PLF M&M Plan. Prior to late 2005 when this network was finalized, a different set of monitoring wells comprised the RCRA network for the PLF. As a result of this change, data from the new network cannot be compared accurately against data from the older network. Additional monitoring wells are present in the general vicinity of the PLF; however, they do not contribute to the RCRA monitoring of the facility and, therefore, are addressed elsewhere.

Sampling and data evaluation protocols for the RCRA wells at the PLF are provided in Table 3–25.

Table 3–25. Sampling and Data Evaluation Protocols at PLF RCRA Monitoring Wells

Location Code	Location Description	Sample Types / Frequencies	Analytes^a	Data Evaluation
70193	Upgradient (northwest) of the upgradient end of the PLF	Quarterly each calendar quarter	VOCs, metals	see Figure 10 in Appendix D
70393	Upgradient (west/southwest) of the upgradient end of the PLF	Quarterly each calendar quarter	VOCs, metals	see Figure 10 in Appendix D
70693	Upgradient (southwest) of the upgradient end of the PLF	Quarterly each calendar quarter	VOCs, metals	see Figure 10 in Appendix D
73005	Downgradient (northeast) of the downgradient end of the PLF	Quarterly each calendar quarter	VOCs, metals	see Figure 10 in Appendix D
73105	Downgradient (east) of the downgradient end of the PLF at the PLFTS	Quarterly each calendar quarter	VOCs, metals	see Figure 10 in Appendix D
73205	Downgradient (southeast) of the downgradient end of the PLF	Quarterly each calendar quarter	VOCs, metals	see Figure 10 in Appendix D

Notes: ^aSamples for the analysis of metals will be field-filtered using a 0.45 micron in-line filter.

Laboratory analytes are limited to those based on the analytical methods listed in the PLF M&M Plan.

3.1.10.1 Data Evaluation

Results from monitoring the RCRA wells at the PLF (Appendix A) will be discussed and statistically evaluated as a part of the 2007 Annual Report.

3.1.11 Original Landfill Monitoring

This objective deals with monitoring surface water and ground water at the OLF to determine the short- and long-term effectiveness of the remedy. These requirements were initially identified in the *Draft Final IM/IRA of IHSS Group SW-2, IHSS 115, Original Landfill and IHSS 196, Filter Backwash Pond*, Appendix B: Post-Accelerated Action Monitoring and Long-Term Surveillance and Monitoring Considerations (DOE 2005a), and finalized in the OLF M&M Plan (DOE 2006b).

Water monitoring locations for the OLF are shown on Figure 3–1. Sampling and data evaluation protocols are summarized in Table 3–26 and Table 3–27.

Table 3–26. Sampling and Data Evaluation Protocols at OLF Surface Water Monitoring Locations

Location Code	Location Description	Sample Types / Frequencies	Analytes ^b	Data Evaluation
GS05; upgradient	Woman Creek at west POU fenceline	Quarterly grab samples ^a	total U isotopes ^c ; dissolved and total metals; VOCs; Hg	see Figure 12 in Appendix D
GS59; downgradient	Woman Creek 800 feet downstream of OLF	Quarterly grab samples ^a	total U isotopes ^c ; dissolved and total metals; VOCs; Hg	see Figure 12 in Appendix D

Notes: ^aSamples for isotopic U and metals are currently collected as continuous flow-paced composites in conjunction with the Investigative monitoring objective; decisions specifically for the OLF monitoring objective only require quarterly grabs.

^bLaboratory analytes are limited to those based on the analytical methods listed in the OLF M&M Plan.

^cU isotopes are U-233,234 + U-235 + U-238.

Table 3–27. Sampling and Data Evaluation Protocols at OLF RCRA Monitoring Wells

Location Code	Location Description	Sample Types / Frequencies	Analytes ^a	Data Evaluation
P416589	Upgradient (north) of the OLF	Quarterly each calendar quarter	VOCs, SVOCs, metals	see Figure 10 in Appendix D
80005	Downgradient (south) of the western portion of the OLF	Quarterly each calendar quarter	VOCs, SVOCs, metals	see Figure 10 in Appendix D
80105	Downgradient (south) of the central portion of the OLF	Quarterly each calendar quarter	VOCs, SVOCs, metals	see Figure 10 in Appendix D
80205	Downgradient (south) of the eastern portion of the OLF	Quarterly each calendar quarter	VOCs, SVOCs, metals	see Figure 10 in Appendix D

Notes: ^aSamples for the analysis of metals will be field-filtered using a 0.45 micron in-line filter.

Laboratory analytes are limited to those based on the analytical methods listed in the OLF M&M Plan.

3.1.11.1 Data Evaluation

Analytical results for GS59 and GS05 are compared, per Figure 12 in Appendix D, to the appropriate surface water standard in Table 1 of Attachment 2 to RFLMA. For the second quarter CY 2007 samples, all analytical results were acceptable.

Results from monitoring the RCRA wells at the OLF (Appendix A) will be discussed and statistically evaluated as a part of the 2007 Annual Report.

3.1.12 Ground Water Treatment System Monitoring

Contaminated ground water is intercepted and treated in four areas of the Site. Three of these systems (MSPTS, ETPTS, and SPPTS) include a ground water intercept trench (collection trench), which is similar to a French drain with an impermeable membrane on the downgradient side. Ground water entering the trench is routed through a drain pipe into one or more treatment cells, where it is treated and then discharged to surface water. The fourth system (PLFTS) treats water from the north and south components of the GWIS and flow from the PLF Seep.

Water monitoring at the MSPTS, ETPTS, and SPPTS includes a minimum of three sample collection points: untreated influent entering the treatment system, treated effluent exiting the system, and a surface water performance location. At the PLFTS, the treated effluent and surface water sampling locations are typically the same; this is discussed in further detail below.

The fundamental questions at each system are whether (1) influent water quality indicates treatment is still necessary, (2) effluent water quality indicates system maintenance is required, and (3) surface water quality suggests impacts from inadequate treatment of influent.

3.1.12.1 MSPTS

Monitoring locations specific to the MSPTS are displayed on Figure 3–1. Sampling and data evaluation protocols are summarized in Table 3–28. In addition to the monitoring locations shown, several piezometers are present within the collection trench. Although these are no longer routinely monitored, they are retained for troubleshooting purposes.

Table 3–28. Sampling and Data Evaluation Protocols at MSPTS Monitoring Locations

Location Code	Location Description	Sample Types / Frequencies	Analytes	Data Evaluation
MOUND R1-0	Influent sampling location	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 11 in Appendix D
MOUND R2-E	Effluent sampling location	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 11 in Appendix D
GS10	Downgradient surface water performance location	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 11 in Appendix D

Data Evaluation

All MSPTS locations listed above were monitored in the second quarter of CY 2007. Results are provided in Appendix A and will be evaluated as part of the 2007 annual report.

3.1.12.2 ETPTS

Monitoring locations specific to the ETPTS are displayed on Figure 3–1. Sampling and data evaluation protocols are summarized in Table 3–29. In addition to the monitoring locations shown, several piezometers are present within the collection trench. Although these are no longer routinely monitored, they are retained for troubleshooting purposes.

Table 3–29. Sampling and Data Evaluation Protocols at ETPTS Monitoring Locations

Location Code	Location Description	Sample Types / Frequencies	Analytes	Data Evaluation
ET INFLUENT	Influent sampling location	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 11 in Appendix D
ET EFFLUENT	Effluent sampling location	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 11 in Appendix D
POM2	Downgradient surface water performance location	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	VOCs	see Figure 11 in Appendix D

Data Evaluation

All ETPTS locations listed above were monitored in the second quarter of CY 2007. Results are provided in Appendix A and will be evaluated as part of the 2007 annual report.

3.1.12.3 SPPTS

Monitoring locations specific to the SPPTS are presented on Figure 3–1. Sampling and data evaluation protocols are summarized in Table 3–30. In addition to the monitoring locations, several piezometers were installed within the collection trench. Although these are no longer routinely monitored, they are retained for troubleshooting purposes.

Table 3–30. Sampling and Data Evaluation Protocols at SPPTS Monitoring Locations

Location Code	Location Description	Sample Types / Frequencies	Analytes	Data Evaluation
SPIN	Influent sampling location	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	U, nitrate	see Figure 11 in Appendix D
SPPMM01	Effluent sampling location	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	U, nitrate	see Figure 11 in Appendix D
GS13	Downgradient surface water performance location	Semiannual grabs; Second and fourth calendar quarters (high- and low-water conditions)	U, nitrate	see Figure 11 in Appendix D

Notes: ^aInfluent and effluent samples for the analysis of U will be filtered in the field using a 0.45 micron in-line filter. Samples collected for U at GS13 will typically be flow-paced, unfiltered, and analyzed for U isotopes; however, if desired they may be collected as grab samples and filtered consistent with influent and effluent collection methods. U data at GS13 support other monitoring objectives that are not addressed here. Nitrate is analyzed as nitrate+nitrite as N; this result is conservatively compared to the nitrate standard only.

Data Evaluation

All SPPTS locations listed above, as well as the DG, were monitored in the second quarter of CY 2007. Results, which indicate nitrate and U continue to be removed from ground water flowing through the SPPTS, are provided in Appendix A. Seasonal Kendall trend plots are provided in Appendix E. (Note: Samples at GS13 include both flow-paced and grabs for analysis of uranium; the latter results are biased towards baseflow conditions and are therefore consistently higher in concentration than the former. Samples for nitrate are not collected using flow pacing, suggesting these results are also biased toward higher concentrations. Thus, the data and corresponding trends may not accurately represent the water quality at GS13.) The performance of the system will be evaluated as part of the 2007 annual report.

Locations supporting this system were monitored during this period for routine data needs as well as for the continuing special evaluation of system performance begun following system repairs that were completed in September 2006. Table 3–31 summarizes all sampling conducted at SPPTS locations in the second quarter of 2007 except that performed as part of an ongoing treatability study and samples collected from excavations, as discussed below.

Table 3–31. SPPTS Monitoring in Second Quarter 2007

Location	Sample Dates	Samples Collected
SPIN	April 3, 12, and 23; May 8 and 18; and June 13	Nitrate, U (grab samples)
SPPMM01	April 3, 12, and 23; May 8 and 18; and June 13	Nitrate, U (grab samples)
SPP Discharge Gallery	April 3, 12, and 23; May 8, 18, and 31; June 1 and 13	Nitrate, U (grab samples)
GS13	April 12 and 26; May 24	U only (automated composite samples)
GS13	April 3, 12, and 23; May 8 and 18; and June 13	Nitrate, U (grab samples)

Note: Location GS13 was also monitored to support routine surface water monitoring objectives. See text on surface water monitoring for details.

3.1.12.4 SPPTS Treatability Studies and SPPTS Discharge Gallery Investigation

Treatability studies supporting the SPPTS were begun in late 2006 (DOE 2007d). The objective is to evaluate treatment alternatives and whether an upgraded or new system would provide adequate water treatment and be more cost-efficient over the long term than the current system, taking into account construction, operation, and maintenance costs. These studies are designed to compare two treatment substrates, using a high-quality carbon source. The studies were halted in 2006 due to weather conditions.

The treatability studies were redesigned for 2007. The new (“Phase II”) treatability studies included an initial series of laboratory “batch” studies that used water from the SPPTS to evaluate different bacterial inocula and carbon sources and other amendments. Results of this effort were incorporated into the design and operation of the field-scale treatability studies, which began in May 2007. The substrates being compared include pea gravel and open cylindrical plastic packing beads; the carbon source is methanol; and the inoculum is a mixture of sewage treatment plant sludge from the Drake Water Reclamation Facility and a small amount of soil from the SPP DG.

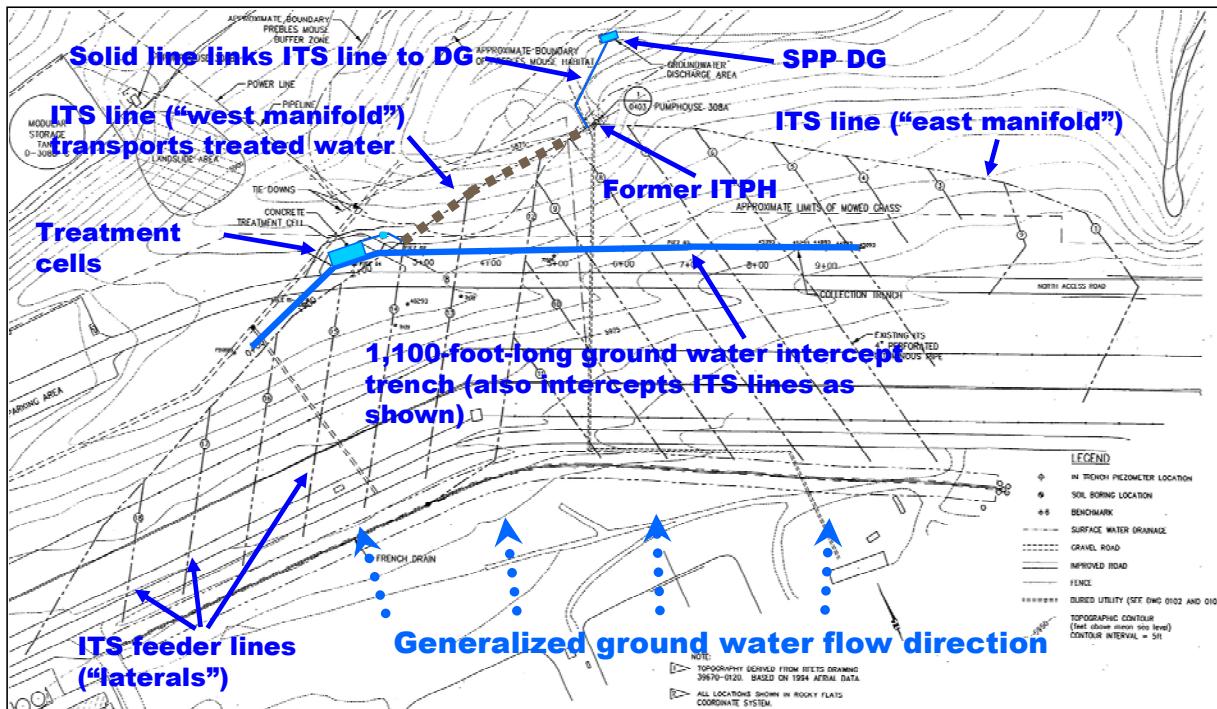
The treatability studies will operate into September 2007. A complete description of these studies, together with final results, will be included in the 2007 annual report.

Also in the second quarter of 2007, an investigation was undertaken of waters feeding the DG, from whence treated water from the SPPTS is discharged. Water samples collected at the DG have consistently contained higher concentrations of nitrate and uranium than is present in untreated influent to the SPPTS, even though the treated effluent discharges at the DG. This indicates that the effluent is augmented by untreated water from an undetermined source.

The primary working hypotheses explored by this investigation were that the untreated water represents:

1. Ground water from the hillside downgradient and northeast of the SPPTS intercept trench that is collected by the perforated west manifold (and/or downgradient laterals feeding this manifold) through which the SPPTS effluent is routed; and/or
2. Ground water collected by the easternmost laterals of the Interceptor Trench System (ITS) and conveyed by the uninterrupted eastern manifold of the ITS.

Figure 3–27 provides a summary drawing of the SPPTS and ITS components, and shows how each of these hypotheses could result in untreated water, potentially containing elevated concentrations of nitrate and uranium, contributing to flow at the DG.



Notes: Water collects in the intercept trench, is pumped into the treatment cells, exits the cells and flows through the (perforated) ITS west manifold and into the (non-perforated) line linking the manifold to the DG, from whence it issues.

ITS = Interceptor Trench System; SPP DG and DG = Solar Ponds Plume (Treatment System) Discharge Gallery; ITPH = Interceptor Trench Pump House (demolished as part of closure). Base map circa late-1990s. ITS west manifold is perforated; assume ITS east manifold is also, but this was not confirmed.

Figure 3–27. Map Showing SPPTS and ITS Components

To determine which of these mechanisms might be the main contributor of nitrate and uranium at the DG, two excavations were dug:

1. Where the perforated ITS west manifold and the line to the DG intersect, and
2. Around the periphery of the former Interceptor Trench Pump House (ITPH).

The first excavation revealed the ITS west manifold to be perforated, as had been generally accepted, and under head due to its position near the downhill end of the line. It was found that the two valves installed to direct flow from the manifold into the DG line were in the wrong positions; this was corrected. In addition, the coupling that joined the perforated line to the T-junction feeding the DG line was found to be secured with a hose clamp at only one end; this was corrected by attaching a second hose clamp and securing the other end before the excavation was backfilled.

The second excavation revealed the east manifold to be under head due to its position at the downhill end of the line. This line was disrupted during the excavation, resulted in initially higher flow rates. The next day, the excavation was cleared out and flow resumed, but at a much lower rate from the pipe; most of the flow at that time was observed to be coming from the remnants of the ITPH sump.

Table 3–32 below summarizes events and observations during the excavation activities. Analytical results are included in Appendix A. These data and observations will be discussed more fully in the 2007 annual report.

Table 3–32. Summary of Events During Discharge Gallery Excavations

Location	Date, Time	Samples (grabs)	Estimated Flow Rate	Comments
ITPH West	5/31, ~0800	--	4 gpm	Flow under head; visual estimate of flow rate
ITPH West	5/31, 0900	U, nitrate	1.2 gpm	Flow stabilized; average of three measurements
SPP DG	5/31, 1030	U, nitrate	0.9 gpm	DG flow stopped as flow from loose coupling drained into excavation; resumed after coupling connection was completed, but not yet stable
ITPH East	5/31, 1500	U, nitrate	50–60 gpm	Pipe disrupted on contact, flow under head; visual estimate of flow rate from pipe; sample from pipe flow
ITPH East	6/1, 1045	U, nitrate	5 gpm	Cleared out excavation, flow resumed, rate stabilizing but still decreasing; visual estimate of flow rate from subsurface remains of ITPH; sample from this ITPH flow
SPP DG	6/1, 1100	U, nitrate	0.5 gpm	Flow still varying somewhat due to excavation-related disturbances

Note: gpm – gallons per minute

To support this investigation, flow monitoring equipment was installed at the DG in April to allow a comparison of effluent and DG flow rates. It is important to note that the flow measured at the DG flume does not represent all water issuing from the DG itself, because the outfall is buried. A portion of the flow exiting the pipe can be assumed to contribute to ground water in this area and discharge via subsurface flow to North Walnut Creek, and another portion to become evident as surface water in the immediate vicinity of the DG. Of this latter portion, part

is removed via evapotranspiration (which also reduces the volume of ground water in the area), and most of the rest is channelized to a small flume that measures DG flow.

Flow measured at this DG location will be used to compare with SPPTS effluent flow volumes (measured in the manhole at location SPPMM01). Despite the fact that only a portion of the water that actually discharges is measured, preliminary data suggest this flow is approximately two to two-and-one-half times the volume of that measured at SPPMM01. The volume of flow (as well as the uranium and nitrate content) contributed by other source(s) downstream of SPPMM01 is therefore significant. This topic will be discussed more fully in the 2007 annual report.

3.1.12.5 Present Landfill Treatment System

This objective deals with monitoring surface water and ground water at the PLF to determine the short- and long-term effectiveness of the remedy. These requirements were initially identified in the *Final Interim Measure/Interim Remedial Action for IHSS 114 and RCRA Closure of the RFETS Present Landfill*, Appendix B: Post-Accelerated Action Monitoring and Long-Term Surveillance and Monitoring Considerations (DOE 2004), and finalized in the PLF M&M Plan (DOE 2006c).

Water monitoring locations for the PLF are shown on Figure 3–1. The general ground water monitoring requirements deal specifically with the RCRA wells and are discussed in detail in Section 3.1.10, “Present Landfill Monitoring.” Details regarding surface water and treatment system monitoring are provided below.

As part of PLF closure, a passive seep interception and treatment system has been installed to treat landfill seep water and GWIS water. There are three sources of influent to the treatment system: two GWIS pipes and the PLF seep. Effluent for the treatment system eventually flows to the Landfill Pond. This section presents the monitoring data for the treatment system effluent as well as the Landfill Pond if the treatment system effluent exceeds surface water standards. Details regarding PLFTS monitoring can be found in the PLF M&M Plan.

Water monitoring locations for the PLFTS are shown on Figure 3–1. Sampling and data evaluation protocols are summarized in Table 3–33.

Table 3–33. Sampling and Data Evaluation Protocols at PLFTS Monitoring Locations

Location Code	Location Description	Sample Types / Frequencies	Analytes	Data Evaluation
GWISINFNORTH	Northern GWIS influent to the treatment system	Quarterly grabs	VOCs, isotopic U, total and dissolved metals, nitrate, total Hg	see Figure 11 in Appendix D
GWISINFSOUTH	Southern GWIS influent to the treatment system	Quarterly grabs	VOCs, isotopic U, total and dissolved metals, nitrate, total Hg	see Figure 11 in Appendix D
PLFSEEPINF	Landfill seep influent to the treatment system	Quarterly grabs	VOCs, isotopic U, total and dissolved metals, total Hg	see Figure 11 in Appendix D
PLFSYSEFF	Effluent from the treatment system	Quarterly grabs	VOCs, isotopic U, total and dissolved metals, SVOCs, total Hg	see Figure 11 in Appendix D
PLFPONDEFF	Landfill Pond at the downstream (east) end	As needed; triggered by data evaluation	As needed; determined by decision rule	see Figure 11 in Appendix D

Note: Nitrate is analyzed as nitrate+nitrite as N.

Data Evaluation

Table 3–34 summarizes the PLF routine quarterly sample collection for the second quarter of CY 2007. During the May 1, 2007, sample at the PLFSEEPINF, the flow rate was 0.63 gallons per minute. As of June 30, 2007, the Landfill Pond remained in a flow-through configuration.

Refer to the analytical data accompanying this document (Appendix A).

Table 3–34. First Quarter of CY 2007 Routine Grab Sampling at the PLF

Location Code	Collection Date/Time	Analytes
GWISINFNORTH	5/1/07 10:30	VOCs, isotopic U, total and dissolved metals, nitrate+nitrite, total Hg
GWISINFSOUTH	DRY	NA
PLFSEEPINF	5/1/07 10:15	VOCs, isotopic U, total and dissolved metals, total Hg
PLFSYSEFF	5/1/07 10:00	VOCs, isotopic U, total and dissolved metals, SVOCs, total Hg

NA = not applicable.

Analytical results for the treatment system effluent (PLFSYSEFF) are compared to the appropriate surface water standards listed in Table 1 of Attachment 2 to RFLMA. During the routine quarterly sampling, analytical results for selenium and vinyl chloride were greater than the applicable surface water standard (Table 3–35).

Table 3–35. Present Landfill Treatment System Effluent (PLFSYSEFF): Summary of Routine Second Quarter of CY 2007 Grab Sampling Analytical Results Exceeding RFLMA Surface Water Standards (May 1, 2007 Sample)

Analyte	Result	Units	RFLMA Standard	Basis for Standard ^a
Selenium, total	8.5	µg/L	4.6	AL
Vinyl chloride	0.803	µg/L	0.2 (PQL)	W+F

Note: ^aBasis acronyms: AL = Aquatic Life; W+F = Water plus Fish.

PQL = practical quantitation level

For selenium and vinyl chloride (Table 3–35), monthly sampling was subsequently initiated at the PLFSYSEFF per RFLMA flow chart (see Table 3–36 for sampling detail). Monthly sampling indicated three consecutive months of vinyl chloride results greater than the PQL, triggering sampling of the Landfill Pond (PLFPONDEFF) per the RFLMA flow chart. This sample was collected on September 6, 2007; the vinyl chloride result will be evaluated in consultation with CDPHE when available.

Table 3–36. Present Landfill Treatment System Effluent (PLFSYSEFF): Summary of Monthly Analytical Results

Analyte	Sample Date	Result	Units
Selenium, total	<i>5/1/07</i>	8.5	µg/L
	6/5/07	5.0	µg/L
	7/25/07	Undetect	µg/L
	Status:	Discontinue monthly sampling for Se	
Vinyl chloride	<i>5/1/07</i>	0.803	µg/L
	6/5/07	1.4	µg/L
	7/25/07	0.888	µg/L
	Status:	Trigger sampling of the Landfill Pond	

Note: The initial result triggering monthly sampling is shown in **bold**. The routine quarterly samples are shown in italics.

3.1.13 Pre-Discharge Monitoring

This monitoring objective deals with pre-discharge sampling of Ponds A-4, B-5, and C-2, or any other upstream pond functioning as a terminal pond, as a BMP to indicate compliance with surface water quality standards (see Table 1 of Attachment 2 to RFLMA) at the downstream POCs. Pre-discharge samples are collected at Ponds A-4, B-5, and C-2 on North Walnut Creek, South Walnut Creek, and Woman Creek, respectively. These locations are shown on Figure 3–1. Sampling and data evaluation protocols are summarized in Table 3–37.

Table 3–37. Sampling and Data Evaluation Protocols at Pre-Discharge Monitoring Locations

Location Code	Location Description	Sample Types /Frequencies	Analytes	Data Evaluation
A4 POND	Pond A-4 at east end of pond near outlet works	Prior to discharge	Pu, Am, isotopic U ^a , nitrate	Consultation with regulators prior to discharge
B5 POND	Pond B-5 at east end of pond near outlet works	Prior to discharge	Pu, Am, isotopic U, nitrate	Consultation with regulators prior to discharge
C2 POND	Pond C-2 at east end of pond near outlet works	Prior to discharge	Pu, Am, isotopic U	Consultation with regulators prior to discharge

Notes: ^aIsotopes U-233,234; U-235; U-238.

Nitrate is analyzed as nitrate+nitrite; the nitrate+nitrite result is conservatively compared to the nitrate standard only.

3.1.13.1 Data Evaluation

Ponds A-4 and B-5 were pre-discharge sampled on May 4, May 14, and June 7, 2007. Data indicated that water quality was acceptable for discharge (see Appendix A).

3.2 Ecological Monitoring

During the second quarter of 2007, the Ecology Program provided regulatory support for project planning, conducted regulatory monitoring, conducted erosion control M&M, planned and provided project oversight for weed control activities, conducted reseeding and planting activities at various locations at the Site, and planned and conducted various types of revegetation and wildlife monitoring.

3.2.1 Regulatory Reporting and Other Issues

The mitigation that was required under the ESA with USFWS for the Water Measurement Flume Project that replaced the SW093 and GS03 flumes in the 2002/2003 timeframe was completed. USFWS toured the mitigation locations and agreed that monitoring of the mitigation was no longer required and mitigation was considered complete. A formal letter from USFWS was received on May 17, 2007.

The vegetation surveys for the OLF and the PLF were conducted monthly as required during the second quarter. The monthly weed surveys in the mitigation wetlands, as required in the Wetland M&M Plan for the Site, was completed for June. One of the things that has become apparent is that at any wet locations on the OLF or PLF covers, woody vegetation is going to be a problem. Several woody plants have already been removed from the east face on the PLF and are expected to be problematic on the OLF where the seeps occur. This is going to be an ongoing maintenance issue.

A contact record was prepared and submitted to CDPHE for biological impacts that resulted in the death of three deer on the newly constructed COU fence. An evaluation of the fence was conducted and resulted in the placement of fence flags at selected locations on the fence to make the fence more visible to the deer. Since the placement of the fence flags no further incidents with the deer have been observed.

3.2.2 Regulatory Project Support

Ecology staff provided support in the planning stages for several projects scheduled to occur later in fiscal year 2007, including the Roads III project, FC1/B371 excavation/fill project, Solar Ponds Potholing project, and the annual dam mowing and riprap spraying project. Wetland and PMJM issues are addressed during the planning stages of projects to first, avoid potential impacts, and where that was not possible to minimize impacts to the greatest extent practicable. Project notifications were prepared for submittal to USFWS for the Roads III, annual dam mowing and riprap spraying, and Solar Ponds Potholing projects.

3.2.3 Reseeding/Erosion Control

Along with hand broadcast seeding, an ATV-mounted seeder was used to seed native species at several smaller locations at the Site during the second quarter. The locations chosen were those that needed additional vegetation establishment. A statement of work was also begun for a few larger areas that due to poor soil conditions have not had good initial vegetation establishment. These areas will be redone this fall using soil amendments.

At various locations around the Site small repairs were made as needed to erosion control structures that needed fixing.

3.2.4 Weed Control/Monitoring

Early spring weed surveys were conducted within the COU to help identify potential locations for spring herbicide applications. After deciding on areas needing treatment, Ecology personnel met with the herbicide application subcontractor and toured the various locations that needed treatment. Approximately 405 acres of revegetation areas and native prairie areas were treated with herbicides to control noxious weeds during the second quarter of 2007. Targeted weed species included, diffuse knapweed, Scotch thistle, Canada thistle, common mullein, musk thistle, Russian knapweed, kochia, Russian thistle, and tall mustard. Yellow sweet clover was targeted at some of the revegetation locations to eliminate it as a competitor for resources. This would give the grasses a better chance of establishing. Areas were located both in the COU and POU areas. Maps and treatments used at specific locations will be provided in the 2007 Rocky Flats Site Annual Report of Site Surveillance and Maintenance Activities.

Weed mapping was conducted for dalmatian toadflax inside the COU fence. Additional species may be mapped on a fortuitous basis as they are observed.

Modifications were begun to the ATV mower that was purchased to enable the mower to be used in rocky areas at the Site. Larger tires were purchased that would allow the mower height to be increased, thus avoiding hitting the many rocks present throughout the revegetation locations. Extra shielding will also be placed around the edges of the mower to prevent rocks from being thrown from beneath the mower during operations. Health and safety personnel were contacted and involved with mower modifications.

3.2.5 Wetland Maintenance/Plantings

Coyote willow stakes were cut at different locations on-site for planting at the various wetland mitigation locations. In addition, approximately 450 bare root shrubs were purchased from the

Colorado State Forestry Service to plant around the mitigated wetlands at the site. The shrub species purchased were coyote willow, peachleaf willow, chokecherry, native plum, golden currant, and wax currant. The plantings made at the various locations included:

- 185 coyote willow stakes at the FC1 wetland, 7 cottonwood stakes at the FC1 wetland
- 147 coyote willow at the seep on the SE corner of the OLF (none planted on the cover itself)
- 117 coyote willow stakes at the FC2 wetland
- 23 coyote willow stakes below the C-1 Pond grouted riprap area
- 59 coyote willow on the north side of the B-2 Pond
- 42 coyote willow on the north side of the B-3 Pond
- 100 coyote willow at the outflow of the Solar Ponds DG

Additionally, several small potential wetland areas (areas that pool water after precipitation events) were seeded with the wetland seed mix in an effort to establish hydrophytic species at these locations.

The June weed survey was conducted at the various mitigation wetlands per the RFS Wetland Mitigation Monitoring and Management Plan.

3.2.6 General Monitoring/Field Activities

In preparation for the mid/late summer vegetation monitoring that will be conducted at the revegetation locations, Preble's mouse mitigation locations, and wetland mitigation locations, GIS work was conducted to randomly generate sample locations. The sample locations will then be located on the ground with a GPS unit and flagged in early July for the monitoring that will commence in mid-July.

Photo monitoring was conducted at the new revegetation locations that were completed in early March 2007. The photos will be used for time lapse comparison to document the establishment of vegetation with the soil amendments that were used on these areas.

Several Core Function Analyses (CFA)/Job Safety Analyses (JSA) were updated for the various ecology field activities. These analyses are done to identify and evaluate job hazards and develop ways to mitigate the hazards. The analyses conducted for the ecology work included such activities as cutting and planting woody plant stakes/poles/plugs, revegetation activities, modifications made to the ATV mower, ATV mowing operations, weed whacking operations, and general ecology field work activities. Additional CFA/JSA will be developed as needed for specific project activities.

3.2.7 Wildlife Monitoring

The annual frog vocalization survey was conducted at the Site on the evenings of April 18 and 28. Initial evaluations of the data indicate that boreal chorus frog abundance is up this year at the Site (probably a result of the above average precipitation received this winter and spring). In addition to the abundance of boreal chorus frogs, one of the upper drainages of Rock Creek in the NW Buffer Zone had a large population of Woodhouse's toads that were calling on the

evening of April 28. This abundance of the toads had never been observed during any of the previous years since the vocalization surveys were initiated in 1998. The annual variability of the amphibian abundance at the Site is largely related to the amount of precipitation received, since these species breed in pools of water. Past observations have shown lower abundance when water is scarce and higher vocalization indices when water is abundant.

3.3 RFLMA Ecological Sampling

The Ecological Risk Assessment determined that residual contamination does not represent a significant risk of adverse ecological effects. The CAD/ROD, however, requires that specific additional sampling be conducted to reduce the uncertainties determined in the Ecological Risk Assessment. Ecological sampling and data evaluation protocols are summarized in Table 3–38. These locations are shown on Figure 3–1.

Table 3–38. Sampling and Data Evaluation Protocols for RFLMA Ecological Sampling

Location Code	Location Description	Sample Types / Frequencies	Analytes	Data Evaluation
A4 POND	Pond A-4 at east end of pond near outlet works (water); at deepest location in pond (sediment)	Quarterly grabs (water); One-time (sediment)	Ammonia, cyanide, Ra-228	Consultation with regulators
B5 POND	Pond B-5 at east end of pond near outlet works (water); at deepest location in pond (sediment)	Quarterly grabs (water); One-time (sediment)	Ammonia, cyanide, Ra-228	Consultation with regulators
C2 POND	Pond C-2 at east end of pond near outlet works (water); at deepest location in pond (sediment)	Quarterly grabs (water); One-time (sediment)	Ammonia, cyanide, Ra-228	Consultation with regulators

Notes:

^aFrequency depends on available flow.

^bU isotopes are U-233,234 + U-235 + U-238.

^cTotal suspended solids (TSS) is analyzed when the composite sampling period is within TSS hold-time limits.

3.3.1 Data Evaluation

During the second quarter of CY 2007, water samples were collected from all three ponds, as scheduled. No routine data evaluation for this monitoring is presented in this quarterly report. The data will be provided to CDPHE in a separate report. In consultation with CDPHE, the data will be evaluated and the results documented in both the report and a RFLMA contact record. Refer to the analytical data accompanying this document for additional information.

4.0 References

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Appendix A

Analytical Results for Water Samples—Second Quarter of CY 2007

Appendix A
Analytical Results for Water Samples - Second Quarter of CY 2007

LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB_QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCERTAINTY	DATA VALIDATION QUALIFIERS
00191	WL	5/17/2007	07050908	71-55-6	1,1,1-Trichloroethane	N001	1.1	ug/L	U	F	1.1		valid
00191	WL	5/17/2007	07050908	79-34-5	1,1,2,2-Tetrachloroethane	N001	1.3	ug/L	U	F	1.3		valid
00191	WL	5/17/2007	07050908	79-00-5	1,1,2-Trichloroethane	N001	2.1	ug/L	U	F	2.1		valid
00191	WL	5/17/2007	07050908	75-35-4	1,1-Dichloroethene	N001	1.4	ug/L	J	F	0.93		valid
00191	WL	5/17/2007	07050908	120-82-1	1,2,4-Trichlorobenzene	N001	2.1	ug/L	U	F	2.1		valid
00191	WL	5/17/2007	07050908	96-12-8	1,2-Dibromo-3-chloropropane	N001	10	ug/L	U	F	10		valid
00191	WL	5/17/2007	07050908	106-93-4	1,2-Dibromoethane	N001	1.2	ug/L	U	F	1.2		valid
00191	WL	5/17/2007	07050908	95-50-1	1,2-Dichlorobenzene	N001	0.87	ug/L	U	F	0.87		valid
00191	WL	5/17/2007	07050908	107-06-2	1,2-Dichloroethane	N001	0.87	ug/L	U	F	0.87		valid
00191	WL	5/17/2007	07050908	78-87-5	1,2-Dichloropropane	N001	0.87	ug/L	U	F	0.87		valid
00191	WL	5/17/2007	07050908	541-73-1	1,3-Dichlorobenzene	N001	1.1	ug/L	U	F	1.1		valid
00191	WL	5/17/2007	07050908	106-46-7	1,4-Dichlorobenzene	N001	1.1	ug/L	U	F	1.1		valid
00191	WL	5/17/2007	07050908	71-43-2	Benzene	N001	1.1	ug/L	U	F	1.1		valid
00191	WL	5/17/2007	07050908	75-27-4	Bromodichloromethane	N001	1.1	ug/L	U	F	1.1		valid
00191	WL	5/17/2007	07050908	75-25-2	Bromoform	N001	1.3	ug/L	U	F	1.3		valid
00191	WL	5/17/2007	07050908	74-83-9	Bromomethane	N001	1.4	ug/L	U	F	1.4		valid
00191	WL	5/17/2007	07050908	56-23-5	Carbon tetrachloride	N001	870	ug/L		F	5.4		valid
00191	WL	5/17/2007	07050908	108-90-7	Chlorobenzene	N001	1.1	ug/L	U	F	1.1		valid
00191	WL	5/17/2007	07050908	124-48-1	Chlorodibromomethane	N001	1.1	ug/L	U	F	1.1		valid
00191	WL	5/17/2007	07050908	67-66-3	Chloroform	N001	17	ug/L		F	1.1		valid
00191	WL	5/17/2007	07050908	74-87-3	Chloromethane	N001	2	ug/L	U	F	2		valid
00191	WL	5/17/2007	07050908	156-59-2	cis-1,2-Dichloroethene	N001	140	ug/L		F	1		valid
00191	WL	5/17/2007	07050908	87-68-3	Hexachlorobutadiene	N001	0.8	ug/L	U	F	0.8		valid
00191	WL	5/17/2007	07050908	75-09-2	Methylene chloride	N001	2.1	ug/L	U	F	2.1		valid
00191	WL	5/17/2007	07050908	91-20-3	Naphthalene	N001	1.5	ug/L	U	F	1.5		valid
00191	WL	5/17/2007	07050908	100-42-5	Styrene	N001	1.1	ug/L	U	F	1.1		valid
00191	WL	5/17/2007	07050908	127-18-4	Tetrachloroethene	N001	300	ug/L		F	1.3		valid
00191	WL	5/17/2007	07050908	108-88-3	Toluene	N001	1.1	ug/L	U	F	1.1		valid
00191	WL	5/17/2007	07050908	100-41-4	Total Xylene	N001	1.1	ug/L	U	F	1.1		valid
00191	WL	5/17/2007	07050908	1330-20-7	Total Xylenes	N001	1.3	ug/L	U	F	1.3		valid
00191	WL	5/17/2007	07050908	156-60-5	trans-1,2-Dichloroethene	N001	1	ug/L	U	F	1		valid
00191	WL	5/17/2007	07050908	10061-02-6	trans-1,3-dichloropropene	N001	1.3	ug/L	U	F	1.3		valid
00191	WL	5/17/2007	07050908	79-01-6	Trichloroethene	N001	39	ug/L		F	1.1		valid
00191	WL	5/17/2007	07050908	75-01-4	Vinyl chloride	N001	1.1	ug/L	U	F	1.1		valid
00193	WL	5/17/2007	07050908	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
00193	WL	5/17/2007	07050908	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
00193	WL	5/17/2007	07050908	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
00193	WL	5/17/2007	07050908	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
00193	WL	5/17/2007	07050908	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
00193	WL	5/17/2007	07050908	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
00193	WL	5/17/2007	07050908	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
00193	WL	5/17/2007	07050908	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
00193	WL	5/17/2007	07050908	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
00193	WL	5/17/2007	07050908	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
00193	WL	5/17/2007	07050908	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
00193	WL	5/17/2007	07050908	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
00193	WL	5/17/2007	07050908	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
00193	WL	5/17/2007	07050908	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
00193	WL	5/17/2007	07050908	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
00193	WL	5/17/2007	07050908	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
00193	WL	5/17/2007	07050908	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
00193	WL	5/17/2007	07050908	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
00193	WL	5/17/2007	07050908	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
00193	WL	5/17/2007	07050908	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
00193	WL	5/17/2007	07050908	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
00193	WL	5/17/2007	07050908	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
00193	WL	5/17/2007	07050908	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
00193	WL	5/17/2007	07050908	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
00193	WL	5/17/2007	07050908	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
00193	WL	5/17/2007	07050908	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
00193	WL	5/17/2007	07050908	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
00193	WL	5/17/2007	07050908	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
00193	WL	5/17/2007	07050908	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
00193	WL	5/17/2007	07050908	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
00193	WL	5/17/2007	07050908	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
00193	WL	5/17/2007	07050908	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
00193	WL	5/17/2007	07050908	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
00193	WL	5/17/2007	07050908	7440-61-1	Uranium	0001	85	ug/L		F	0.1		valid
00193	WL	5/17/2007	07050908	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
00797	WL	5/21/2007	07050908	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
00797	WL	5/21/2007	07050908	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
00797	WL	5/21/2007	07050908	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
00797	WL	5/21/2007	07050908	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
00797	WL	5/21/2007	07050908	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
00797	WL	5/21/2007	07050908	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
00797	WL	5/21/2007	07050908	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
00797	WL	5/21/2007	07050908	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
00797	WL	5/21/2007	07050908	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
00797	WL	5/21/2007	07050908	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
00797	WL	5/21/2007	07050908	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
00797	WL	5/21/2007	07050908	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
00797	WL	5/21/2007	07050908	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
00797	WL	5/21/2007	07050908	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
00797	WL	5/21/2007	07050908	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
00797	WL	5/21/2007	07050908	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
00797	WL	5/21/2007	07050908	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
00797	WL	5/21/2007	07050908	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
00797	WL	5/21/2007	07050908	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
00797	WL	5/21/2007	07050908	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
00797	WL	5/21/2007	07050908	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
00797	WL	5/21/2007	07050908	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
00797	WL	5/21/2007	07050908	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
00797	WL	5/21/2007	07050908	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
00797	WL	5/21/2007	07050908	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
00797	WL	5/21/2007	07050908	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
00797	WL	5/21/2007	07050908	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
00797	WL	5/21/2007	07050908	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
00797	WL	5/21/2007	07050908	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
00797	WL	5/21/2007	07050908	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
00797	WL	5/21/2007	07050908	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
00797	WL	5/21/2007	07050908	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
00797	WL	5/21/2007	07050908	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
00797	WL	5/21/2007	07050908	7440-61-1	Uranium	0001	28	ug/L		F	0.1		valid
00797	WL	5/21/2007	07050908	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
00997	WL	5/30/2007	07050928	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
00997	WL	5/30/2007	07050928	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
00997	WL	5/30/2007	07050928	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
00997	WL	5/30/2007	07050928	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
00997	WL	5/30/2007	07050928	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
00997	WL	5/30/2007	07050928	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
00997	WL	5/30/2007	07050928	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
00997	WL	5/30/2007	07050928	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
00997	WL	5/30/2007	07050928	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
00997	WL	5/30/2007	07050928	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
00997	WL	5/30/2007	07050928	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
00997	WL	5/30/2007	07050928	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
00997	WL	5/30/2007	07050928	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
00997	WL	5/30/2007	07050928	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
00997	WL	5/30/2007	07050928	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
00997	WL	5/30/2007	07050928	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
00997	WL	5/30/2007	07050928	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
00997	WL	5/30/2007	07050928	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
00997	WL	5/30/2007	07050928	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
00997	WL	5/30/2007	07050928	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
00997	WL	5/30/2007	07050928	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
00997	WL	5/30/2007	07050928	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
00997	WL	5/30/2007	07050928	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
00997	WL	5/30/2007	07050928	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
00997	WL	5/30/2007	07050928	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
00997	WL	5/30/2007	07050928	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	4.8	mg/L		F	0.019		valid
00997	WL	5/30/2007	07050928	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
00997	WL	5/30/2007	07050928	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
00997	WL	5/30/2007	07050928	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
00997	WL	5/30/2007	07050928	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
00997	WL	5/30/2007	07050928	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
00997	WL	5/30/2007	07050928	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
00997	WL	5/30/2007	07050928	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
00997	WL	5/30/2007	07050928	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
00997	WL	5/30/2007	07050928	7440-61-1	Uranium	N001	15	ug/L		F	0.04		valid
00997	WL	5/30/2007	07050928	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	71-55-6	1,1,1-Trichloroethane	N002	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
4087	WL	4/16/2007	07040854	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	F	0.2		valid
4087	WL	4/16/2007	07040854	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
4087	WL	4/16/2007	07040854	79-00-5	1,1,2-Trichloroethane	N002	0.32	ug/L	U	F	0.32		valid
4087	WL	4/16/2007	07040854	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
4087	WL	4/16/2007	07040854	75-35-4	1,1-Dichloroethene	N002	0.14	ug/L	U	F	0.14		valid
4087	WL	4/16/2007	07040854	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
4087	WL	4/16/2007	07040854	120-82-1	1,2,4-Trichlorobenzene	N002	0.32	ug/L	U	F	0.32		valid
4087	WL	4/16/2007	07040854	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
4087	WL	4/16/2007	07040854	96-12-8	1,2-Dibromo-3-chloropropane	N002	1.5	ug/L	U	F	1.5		valid
4087	WL	4/16/2007	07040854	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
4087	WL	4/16/2007	07040854	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	F	0.18		valid
4087	WL	4/16/2007	07040854	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
4087	WL	4/16/2007	07040854	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	F	0.13		valid
4087	WL	4/16/2007	07040854	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
4087	WL	4/16/2007	07040854	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	F	0.13		valid
4087	WL	4/16/2007	07040854	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
4087	WL	4/16/2007	07040854	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	F	0.13		valid
4087	WL	4/16/2007	07040854	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	541-73-1	1,3-Dichlorobenzene	N002	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	106-46-7	1,4-Dichlorobenzene	N002	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	71-43-2	Benzene	N002	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
4087	WL	4/16/2007	07040854	75-25-2	Bromoform	N002	0.19	ug/L	U	F	0.19		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
4087	WL	4/16/2007	07040854	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
4087	WL	4/16/2007	07040854	74-83-9	Bromomethane	N002	0.21	ug/L	U	F	0.21		valid
4087	WL	4/16/2007	07040854	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
4087	WL	4/16/2007	07040854	56-23-5	Carbon tetrachloride	N002	0.19	ug/L	U	F	0.19		valid
4087	WL	4/16/2007	07040854	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	67-66-3	Chloroform	N002	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
4087	WL	4/16/2007	07040854	74-87-3	Chloromethane	N002	0.3	ug/L	U	F	0.3		valid
4087	WL	4/16/2007	07040854	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
4087	WL	4/16/2007	07040854	156-59-2	cis-1,2-Dichloroethene	N002	0.15	ug/L	U	F	0.15		valid
4087	WL	4/16/2007	07040854	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
4087	WL	4/16/2007	07040854	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	F	0.12		valid
4087	WL	4/16/2007	07040854	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
4087	WL	4/16/2007	07040854	75-09-2	Methylene chloride	N002	0.32	ug/L	U	F	0.32		valid
4087	WL	4/16/2007	07040854	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
4087	WL	4/16/2007	07040854	91-20-3	Naphthalene	N002	0.22	ug/L	U	F	0.22		valid
4087	WL	4/16/2007	07040854	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.36	mg/L		F	0.019		valid
4087	WL	4/16/2007	07040854	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	0.47	mg/L		F	0.019		valid
4087	WL	4/16/2007	07040854	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	100-42-5	Styrene	N002	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
4087	WL	4/16/2007	07040854	127-18-4	Tetrachloroethene	N002	0.2	ug/L	U	F	0.2		valid
4087	WL	4/16/2007	07040854	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	108-88-3	Toluene	N002	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	100-41-4	Total Xylene	N002	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
4087	WL	4/16/2007	07040854	1330-20-7	Total Xylenes	N002	0.19	ug/L	U	F	0.19		valid
4087	WL	4/16/2007	07040854	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
4087	WL	4/16/2007	07040854	156-60-5	trans-1,2-Dichloroethene	N002	0.15	ug/L	U	F	0.15		valid
4087	WL	4/16/2007	07040854	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
4087	WL	4/16/2007	07040854	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	F	0.19		valid
4087	WL	4/16/2007	07040854	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	79-01-6	Trichloroethene	N002	0.16	ug/L	U	F	0.16		valid
4087	WL	4/16/2007	07040854	7440-61-1	Uranium	N001	30	ug/L		F	0.02		J
4087	WL	4/16/2007	07040854	7440-61-1	Uranium	N002	28	ug/L		F	0.02		J
4087	WL	4/16/2007	07040854	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
4087	WL	4/16/2007	07040854	75-01-4	Vinyl chloride	N002	0.17	ug/L	U	F	0.17		valid
4091	WL	5/29/2007	07050928	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
4091	WL	5/29/2007	07050928	71-55-6	1,1,1-Trichloroethane	N002	0.16	ug/L	U	D	0.16		valid
4091	WL	5/29/2007	07050928	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
4091	WL	5/29/2007	07050928	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	D	0.2		valid
4091	WL	5/29/2007	07050928	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
4091	WL	5/29/2007	07050928	79-00-5	1,1,2-Trichloroethane	N002	0.32	ug/L	U	D	0.32		valid
4091	WL	5/29/2007	07050928	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
4091	WL	5/29/2007	07050928	75-35-4	1,1-Dichloroethene	N002	0.14	ug/L	U	D	0.14		valid
4091	WL	5/29/2007	07050928	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
4091	WL	5/29/2007	07050928	120-82-1	1,2,4-Trichlorobenzene	N002	0.32	ug/L	U	D	0.32		valid
4091	WL	5/29/2007	07050928	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
4091	WL	5/29/2007	07050928	96-12-8	1,2-Dibromo-3-chloropropane	N002	1.5	ug/L	U	D	1.5		valid
4091	WL	5/29/2007	07050928	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
4091	WL	5/29/2007	07050928	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	D	0.18		valid
4091	WL	5/29/2007	07050928	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
04091	WL	5/29/2007	07050928	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	D	0.13		valid
04091	WL	5/29/2007	07050928	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
04091	WL	5/29/2007	07050928	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	D	0.13		valid
04091	WL	5/29/2007	07050928	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
04091	WL	5/29/2007	07050928	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	D	0.13		valid
04091	WL	5/29/2007	07050928	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
04091	WL	5/29/2007	07050928	541-73-1	1,3-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16		valid
04091	WL	5/29/2007	07050928	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
04091	WL	5/29/2007	07050928	106-46-7	1,4-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16		valid
04091	WL	5/29/2007	07050928	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
04091	WL	5/29/2007	07050928	71-43-2	Benzene	N002	0.16	ug/L	U	D	0.16		valid
04091	WL	5/29/2007	07050928	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
04091	WL	5/29/2007	07050928	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	D	0.17		valid
04091	WL	5/29/2007	07050928	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
04091	WL	5/29/2007	07050928	75-25-2	Bromoform	N002	0.19	ug/L	U	D	0.19		valid
04091	WL	5/29/2007	07050928	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
04091	WL	5/29/2007	07050928	74-83-9	Bromomethane	N002	0.21	ug/L	U	D	0.21		valid
04091	WL	5/29/2007	07050928	56-23-5	Carbon tetrachloride	N001	0.22	ug/L	J	F	0.19		valid
04091	WL	5/29/2007	07050928	56-23-5	Carbon tetrachloride	N002	0.21	ug/L	J	D	0.19		valid
04091	WL	5/29/2007	07050928	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
04091	WL	5/29/2007	07050928	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	D	0.17		valid
04091	WL	5/29/2007	07050928	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
04091	WL	5/29/2007	07050928	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	D	0.17		valid
04091	WL	5/29/2007	07050928	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
04091	WL	5/29/2007	07050928	67-66-3	Chloroform	N002	0.16	ug/L	U	D	0.16		valid
04091	WL	5/29/2007	07050928	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
04091	WL	5/29/2007	07050928	74-87-3	Chloromethane	N002	0.3	ug/L	U	D	0.3		valid
04091	WL	5/29/2007	07050928	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
04091	WL	5/29/2007	07050928	156-59-2	cis-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15		valid
04091	WL	5/29/2007	07050928	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
04091	WL	5/29/2007	07050928	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	D	0.12		valid
04091	WL	5/29/2007	07050928	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
04091	WL	5/29/2007	07050928	75-09-2	Methylene chloride	N002	0.32	ug/L	U	D	0.32		valid
04091	WL	5/29/2007	07050928	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
04091	WL	5/29/2007	07050928	91-20-3	Naphthalene	N002	0.22	ug/L	U	D	0.22		valid
04091	WL	5/29/2007	07050928	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
04091	WL	5/29/2007	07050928	100-42-5	Styrene	N002	0.17	ug/L	U	D	0.17		valid
04091	WL	5/29/2007	07050928	127-18-4	Tetrachloroethene	N001	0.21	ug/L	J	F	0.2		valid
04091	WL	5/29/2007	07050928	127-18-4	Tetrachloroethene	N002	0.2	ug/L	U	D	0.2		valid
04091	WL	5/29/2007	07050928	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
04091	WL	5/29/2007	07050928	108-88-3	Toluene	N002	0.17	ug/L	U	D	0.17		valid
04091	WL	5/29/2007	07050928	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
04091	WL	5/29/2007	07050928	100-41-4	Total Xylene	N002	0.16	ug/L	U	D	0.16		valid
04091	WL	5/29/2007	07050928	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
04091	WL	5/29/2007	07050928	1330-20-7	Total Xylenes	N002	0.19	ug/L	U	D	0.19		valid
04091	WL	5/29/2007	07050928	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
04091	WL	5/29/2007	07050928	156-60-5	trans-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15		valid
04091	WL	5/29/2007	07050928	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
04091	WL	5/29/2007	07050928	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	D	0.19		valid
04091	WL	5/29/2007	07050928	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
04091	WL	5/29/2007	07050928	79-01-6	Trichloroethene	N002	0.16	ug/L	U	D	0.16		valid
04091	WL	5/29/2007	07050928	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
04091	WL	5/29/2007	07050928	75-01-4	Vinyl chloride	N002	0.17	ug/L	U	D	0.17		valid
07391	WL	5/17/2007	07050908	71-55-6	1,1,1-Trichloroethane	N001	340	ug/L	J	F	64		valid
07391	WL	5/17/2007	07050908	79-34-5	1,1,2,2-Tetrachloroethane	N001	80	ug/L	U	F	80		valid
07391	WL	5/17/2007	07050908	79-00-5	1,1,2-Trichloroethane	N001	130	ug/L	U	F	130		valid
07391	WL	5/17/2007	07050908	75-35-4	1,1-Dichloroethene	N001	76	ug/L	J	F	56		valid

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07391	WL	5/17/2007	07050908	120-82-1	1,2,4-Trichlorobenzene	N001	130	ug/L	U	F	130		valid
07391	WL	5/17/2007	07050908	96-12-8	1,2-Dibromo-3-chloropropane	N001	600	ug/L	U	F	600		valid
07391	WL	5/17/2007	07050908	106-93-4	1,2-Dibromoethane	N001	72	ug/L	U	F	72		valid
07391	WL	5/17/2007	07050908	95-50-1	1,2-Dichlorobenzene	N001	52	ug/L	U	F	52		valid
07391	WL	5/17/2007	07050908	107-06-2	1,2-Dichloroethane	N001	52	ug/L	U	F	52		valid
07391	WL	5/17/2007	07050908	78-87-5	1,2-Dichloropropane	N001	52	ug/L	U	F	52		valid
07391	WL	5/17/2007	07050908	541-73-1	1,3-Dichlorobenzene	N001	64	ug/L	U	F	64		valid
07391	WL	5/17/2007	07050908	106-46-7	1,4-Dichlorobenzene	N001	64	ug/L	U	F	64		valid
07391	WL	5/17/2007	07050908	71-43-2	Benzene	N001	64	ug/L	U	F	64		valid
07391	WL	5/17/2007	07050908	75-27-4	Bromodichloromethane	N001	68	ug/L	U	F	68		valid
07391	WL	5/17/2007	07050908	75-25-2	Bromoform	N001	76	ug/L	U	F	76		valid
07391	WL	5/17/2007	07050908	74-83-9	Bromomethane	N001	84	ug/L	U	F	84		valid
07391	WL	5/17/2007	07050908	56-23-5	Carbon tetrachloride	N001	76	ug/L	U	F	76		valid
07391	WL	5/17/2007	07050908	108-90-7	Chlorobenzene	N001	68	ug/L	U	F	68		valid
07391	WL	5/17/2007	07050908	124-48-1	Chlorodibromomethane	N001	68	ug/L	U	F	68		valid
07391	WL	5/17/2007	07050908	67-66-3	Chloroform	N001	420	ug/L		F	64		valid
07391	WL	5/17/2007	07050908	74-87-3	Chloromethane	N001	120	ug/L	U	F	120		valid
07391	WL	5/17/2007	07050908	156-59-2	cis-1,2-Dichloroethene	N001	200	ug/L	J	F	60		valid
07391	WL	5/17/2007	07050908	87-68-3	Hexachlorobutadiene	N001	48	ug/L	U	F	48		valid
07391	WL	5/17/2007	07050908	75-09-2	Methylene chloride	N001	130	ug/L	U	F	130		valid
07391	WL	5/17/2007	07050908	91-20-3	Naphthalene	N001	88	ug/L	U	F	88		valid
07391	WL	5/17/2007	07050908	100-42-5	Styrene	N001	68	ug/L	U	F	68		valid
07391	WL	5/17/2007	07050908	127-18-4	Tetrachloroethene	N001	1800	ug/L		F	80		valid
07391	WL	5/17/2007	07050908	108-88-3	Toluene	N001	68	ug/L	U	F	68		valid
07391	WL	5/17/2007	07050908	100-41-4	Total Xylene	N001	64	ug/L	U	F	64		valid
07391	WL	5/17/2007	07050908	1330-20-7	Total Xylenes	N001	76	ug/L	U	F	76		valid
07391	WL	5/17/2007	07050908	156-60-5	trans-1,2-Dichloroethene	N001	60	ug/L	U	F	60		valid
07391	WL	5/17/2007	07050908	10061-02-6	trans-1,3-dichloropropene	N001	76	ug/L	U	F	76		valid
07391	WL	5/17/2007	07050908	79-01-6	Trichloroethene	N001	80000	ug/L		F	320		valid
07391	WL	5/17/2007	07050908	7440-61-1	Uranium	N001	410	ug/L		F	0.1		valid
07391	WL	5/17/2007	07050908	75-01-4	Vinyl chloride	N001	68	ug/L	U	F	68		valid
10304	WL	5/17/2007	07050908	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
10304	WL	5/17/2007	07050908	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
10304	WL	5/17/2007	07050908	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
10304	WL	5/17/2007	07050908	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
10304	WL	5/17/2007	07050908	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
10304	WL	5/17/2007	07050908	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
10304	WL	5/17/2007	07050908	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
10304	WL	5/17/2007	07050908	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
10304	WL	5/17/2007	07050908	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
10304	WL	5/17/2007	07050908	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
10304	WL	5/17/2007	07050908	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
10304	WL	5/17/2007	07050908	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
10304	WL	5/17/2007	07050908	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
10304	WL	5/17/2007	07050908	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
10304	WL	5/17/2007	07050908	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
10304	WL	5/17/2007	07050908	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
10304	WL	5/17/2007	07050908	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
10304	WL	5/17/2007	07050908	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
10304	WL	5/17/2007	07050908	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
10304	WL	5/17/2007	07050908	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
10304	WL	5/17/2007	07050908	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
10304	WL	5/17/2007	07050908	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
10304	WL	5/17/2007	07050908	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
10304	WL	5/17/2007	07050908	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
10304	WL	5/17/2007	07050908	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
10304	WL	5/17/2007	07050908	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.019	mg/L	U	F	0.019		valid

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10304	WL	5/17/2007	07050908	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
10304	WL	5/17/2007	07050908	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
10304	WL	5/17/2007	07050908	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
10304	WL	5/17/2007	07050908	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
10304	WL	5/17/2007	07050908	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
10304	WL	5/17/2007	07050908	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
10304	WL	5/17/2007	07050908	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
10304	WL	5/17/2007	07050908	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
10304	WL	5/17/2007	07050908	7440-61-1	Uranium	N001	9.6	ug/L	F	F	0.04		valid
10304	WL	5/17/2007	07050908	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
10394	WL	6/23/2007	07060977	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
10394	WL	6/23/2007	07060977	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
10394	WL	6/23/2007	07060977	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
10394	WL	6/23/2007	07060977	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
10394	WL	6/23/2007	07060977	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
10394	WL	6/23/2007	07060977	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
10394	WL	6/23/2007	07060977	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
10394	WL	6/23/2007	07060977	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
10394	WL	6/23/2007	07060977	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
10394	WL	6/23/2007	07060977	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
10394	WL	6/23/2007	07060977	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
10394	WL	6/23/2007	07060977	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
10394	WL	6/23/2007	07060977	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
10394	WL	6/23/2007	07060977	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
10394	WL	6/23/2007	07060977	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
10394	WL	6/23/2007	07060977	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
10394	WL	6/23/2007	07060977	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
10394	WL	6/23/2007	07060977	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
10394	WL	6/23/2007	07060977	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
10394	WL	6/23/2007	07060977	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
10394	WL	6/23/2007	07060977	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
10394	WL	6/23/2007	07060977	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
10394	WL	6/23/2007	07060977	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
10394	WL	6/23/2007	07060977	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
10394	WL	6/23/2007	07060977	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
10394	WL	6/23/2007	07060977	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.027	mg/L	B	F	0.019		valid
10394	WL	6/23/2007	07060977	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
10394	WL	6/23/2007	07060977	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
10394	WL	6/23/2007	07060977	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
10394	WL	6/23/2007	07060977	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
10394	WL	6/23/2007	07060977	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
10394	WL	6/23/2007	07060977	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
10394	WL	6/23/2007	07060977	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
10394	WL	6/23/2007	07060977	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
10394	WL	6/23/2007	07060977	7440-61-1	Uranium	N001	0.89	ug/L	F	F	0.02		valid
10394	WL	6/23/2007	07060977	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
10594	WL	5/31/2007	07060935	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
10594	WL	5/31/2007	07060935	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
10594	WL	5/31/2007	07060935	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
10594	WL	5/31/2007	07060935	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
10594	WL	5/31/2007	07060935	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
10594	WL	5/31/2007	07060935	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
10594	WL	5/31/2007	07060935	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
10594	WL	5/31/2007	07060935	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
10594	WL	5/31/2007	07060935	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
10594	WL	5/31/2007	07060935	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
10594	WL	5/31/2007	07060935	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid

Appendix A

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
10594	WL	5/31/2007	07060935	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
10594	WL	5/31/2007	07060935	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
10594	WL	5/31/2007	07060935	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
10594	WL	5/31/2007	07060935	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
10594	WL	5/31/2007	07060935	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
10594	WL	5/31/2007	07060935	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
10594	WL	5/31/2007	07060935	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
10594	WL	5/31/2007	07060935	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
10594	WL	5/31/2007	07060935	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
10594	WL	5/31/2007	07060935	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
10594	WL	5/31/2007	07060935	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
10594	WL	5/31/2007	07060935	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
10594	WL	5/31/2007	07060935	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
10594	WL	5/31/2007	07060935	91-20-3	Naphthalene	N001	0.74	ug/L	J	F	0.22	J	
10594	WL	5/31/2007	07060935	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.31	mg/L		F	0.019		valid
10594	WL	5/31/2007	07060935	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
10594	WL	5/31/2007	07060935	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
10594	WL	5/31/2007	07060935	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
10594	WL	5/31/2007	07060935	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
10594	WL	5/31/2007	07060935	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
10594	WL	5/31/2007	07060935	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
10594	WL	5/31/2007	07060935	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
10594	WL	5/31/2007	07060935	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
10594	WL	5/31/2007	07060935	7440-61-1	Uranium	N001	72	ug/L		F	0.02		valid
10594	WL	5/31/2007	07060935	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
11104	WL	5/30/2007	07050928	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
11104	WL	5/30/2007	07050928	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
11104	WL	5/30/2007	07050928	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
11104	WL	5/30/2007	07050928	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
11104	WL	5/30/2007	07050928	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
11104	WL	5/30/2007	07050928	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
11104	WL	5/30/2007	07050928	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
11104	WL	5/30/2007	07050928	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
11104	WL	5/30/2007	07050928	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
11104	WL	5/30/2007	07050928	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
11104	WL	5/30/2007	07050928	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
11104	WL	5/30/2007	07050928	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
11104	WL	5/30/2007	07050928	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
11104	WL	5/30/2007	07050928	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
11104	WL	5/30/2007	07050928	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
11104	WL	5/30/2007	07050928	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
11104	WL	5/30/2007	07050928	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
11104	WL	5/30/2007	07050928	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
11104	WL	5/30/2007	07050928	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
11104	WL	5/30/2007	07050928	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
11104	WL	5/30/2007	07050928	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
11104	WL	5/30/2007	07050928	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
11104	WL	5/30/2007	07050928	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
11104	WL	5/30/2007	07050928	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
11104	WL	5/30/2007	07050928	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
11104	WL	5/30/2007	07050928	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
11104	WL	5/30/2007	07050928	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
11104	WL	5/30/2007	07050928	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
11104	WL	5/30/2007	07050928	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
11104	WL	5/30/2007	07050928	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
11104	WL	5/30/2007	07050928	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
11104	WL	5/30/2007	07050928	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
11104	WL	5/30/2007	07050928	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
11104	WL	5/30/2007	07050928	7440-61-1	Uranium	0001	41	ug/L		F	0.1		valid
11104	WL	5/30/2007	07050928	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
11502	WL	5/9/2007	07050893	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		J
11502	WL	5/9/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		J
11502	WL	5/9/2007	07050893	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		J
11502	WL	5/9/2007	07050893	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		J
11502	WL	5/9/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		J
11502	WL	5/9/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		J
11502	WL	5/9/2007	07050893	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		J
11502	WL	5/9/2007	07050893	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		J
11502	WL	5/9/2007	07050893	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		J
11502	WL	5/9/2007	07050893	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		J
11502	WL	5/9/2007	07050893	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		J
11502	WL	5/9/2007	07050893	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		J
11502	WL	5/9/2007	07050893	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		J
11502	WL	5/9/2007	07050893	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		J
11502	WL	5/9/2007	07050893	75-25-2	Bromoform	N001	0.19	ug/L	J	F	0.19		J
11502	WL	5/9/2007	07050893	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		J
11502	WL	5/9/2007	07050893	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		J
11502	WL	5/9/2007	07050893	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		J
11502	WL	5/9/2007	07050893	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		J
11502	WL	5/9/2007	07050893	67-66-3	Chloroform	N001	0.28	ug/L	J	F	0.16		J
11502	WL	5/9/2007	07050893	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		J
11502	WL	5/9/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		J
11502	WL	5/9/2007	07050893	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		J
11502	WL	5/9/2007	07050893	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		J
11502	WL	5/9/2007	07050893	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		J
11502	WL	5/9/2007	07050893	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		J
11502	WL	5/9/2007	07050893	127-18-4	Tetrachloroethene	N001	13	ug/L		F	0.2		J
11502	WL	5/9/2007	07050893	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		J
11502	WL	5/9/2007	07050893	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		J
11502	WL	5/9/2007	07050893	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		J
11502	WL	5/9/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		J
11502	WL	5/9/2007	07050893	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		J
11502	WL	5/9/2007	07050893	79-01-6	Trichloroethene	N001	0.57	ug/L	J	F	0.16		J
11502	WL	5/9/2007	07050893	7440-61-1	Uranium	0001	1.1	ug/L		F	0.02		valid
11502	WL	5/9/2007	07050893	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		J
15699	WL	5/24/2007	07050928	71-55-6	1,1,1-Trichloroethane	N001	1.1	ug/L	J	F	0.64		valid
15699	WL	5/24/2007	07050928	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.8	ug/L	U	F	0.8		valid
15699	WL	5/24/2007	07050928	79-00-5	1,1,2-Trichloroethane	N001	1.3	ug/L	U	F	1.3		valid
15699	WL	5/24/2007	07050928	75-35-4	1,1-Dichloroethene	N001	28	ug/L	U	F	0.56		valid
15699	WL	5/24/2007	07050928	120-82-1	1,2,4-Trichlorobenzene	N001	1.3	ug/L	U	F	1.3		valid
15699	WL	5/24/2007	07050928	96-12-8	1,2-Dibromo-3-chloropropane	N001	6	ug/L	U	F	6		valid
15699	WL	5/24/2007	07050928	106-93-4	1,2-Dibromoethane	N001	0.72	ug/L	U	F	0.72		valid
15699	WL	5/24/2007	07050928	95-50-1	1,2-Dichlorobenzene	N001	0.52	ug/L	U	F	0.52		valid
15699	WL	5/24/2007	07050928	107-06-2	1,2-Dichloroethane	N001	2.1	ug/L	J	F	0.52		valid
15699	WL	5/24/2007	07050928	78-87-5	1,2-Dichloropropane	N001	0.52	ug/L	U	F	0.52		valid
15699	WL	5/24/2007	07050928	541-73-1	1,3-Dichlorobenzene	N001	0.64	ug/L	U	F	0.64		valid
15699	WL	5/24/2007	07050928	106-46-7	1,4-Dichlorobenzene	N001	0.64	ug/L	U	F	0.64		valid
15699	WL	5/24/2007	07050928	71-43-2	Benzene	N001	0.64	ug/L	U	F	0.64		valid
15699	WL	5/24/2007	07050928	75-27-4	Bromodichloromethane	N001	0.68	ug/L	U	F	0.68		valid
15699	WL	5/24/2007	07050928	75-25-2	Bromoform	N001	0.76	ug/L	U	F	0.76		valid
15699	WL	5/24/2007	07050928	74-83-9	Bromomethane	N001	0.84	ug/L	U	F	0.84		valid
15699	WL	5/24/2007	07050928	56-23-5	Carbon tetrachloride	N001	0.76	ug/L	U	F	0.76		valid
15699	WL	5/24/2007	07050928	108-90-7	Chlorobenzene	N001	0.68	ug/L	U	F	0.68		valid
15699	WL	5/24/2007	07050928	124-48-1	Chlorodibromomethane	N001	0.68	ug/L	U	F	0.68		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
15699	WL	5/24/2007	07050928	67-66-3	Chloroform	N001	1.4	ug/L	J	F	0.64		valid
15699	WL	5/24/2007	07050928	74-87-3	Chloromethane	N001	1.2	ug/L	U	F	1.2		valid
15699	WL	5/24/2007	07050928	156-59-2	cis-1,2-Dichloroethene	N001	220	ug/L		F	0.6		valid
15699	WL	5/24/2007	07050928	87-68-3	Hexachlorobutadiene	N001	0.48	ug/L	U	F	0.48		valid
15699	WL	5/24/2007	07050928	75-09-2	Methylene chloride	N001	1.3	ug/L	U	F	1.3		valid
15699	WL	5/24/2007	07050928	91-20-3	Naphthalene	N001	0.88	ug/L	U	F	0.88		valid
15699	WL	5/24/2007	07050928	100-42-5	Styrene	N001	0.68	ug/L	U	F	0.68		valid
15699	WL	5/24/2007	07050928	127-18-4	Tetrachloroethene	N001	160	ug/L		F	2.7		valid
15699	WL	5/24/2007	07050928	108-88-3	Toluene	N001	0.68	ug/L	U	F	0.68		valid
15699	WL	5/24/2007	07050928	100-41-4	Total Xylene	N001	0.64	ug/L	U	F	0.64		valid
15699	WL	5/24/2007	07050928	1330-20-7	Total Xylenes	N001	0.76	ug/L	U	F	0.76		valid
15699	WL	5/24/2007	07050928	156-60-5	trans-1,2-Dichloroethene	N001	0.8	ug/L	J	F	0.6		valid
15699	WL	5/24/2007	07050928	10061-02-6	trans-1,3-dichloropropene	N001	0.76	ug/L	U	F	0.76		valid
15699	WL	5/24/2007	07050928	79-01-6	Trichloroethene	N001	330	ug/L		F	2.1		valid
15699	WL	5/24/2007	07050928	75-01-4	Vinyl chloride	N001	4	ug/L		F	0.68		valid
18199	WL	5/8/2007	07050886	71-55-6	1,1,1-Trichloroethane	N001	16	ug/L	U	F	16		valid
18199	WL	5/8/2007	07050886	79-34-5	1,1,2,2-Tetrachloroethane	N001	20	ug/L	U	F	20		valid
18199	WL	5/8/2007	07050886	79-00-5	1,1,2-Trichloroethane	N001	32	ug/L	U	F	32		valid
18199	WL	5/8/2007	07050886	75-35-4	1,1-Dichloroethene	N001	14	ug/L	U	F	14		valid
18199	WL	5/8/2007	07050886	120-82-1	1,2,4-Trichlorobenzene	N001	32	ug/L	U	F	32		valid
18199	WL	5/8/2007	07050886	96-12-8	1,2-Dibromo-3-chloropropane	N001	150	ug/L	U	F	150		valid
18199	WL	5/8/2007	07050886	106-93-4	1,2-Dibromoethane	N001	18	ug/L	U	F	18		valid
18199	WL	5/8/2007	07050886	95-50-1	1,2-Dichlorobenzene	N001	13	ug/L	U	F	13		valid
18199	WL	5/8/2007	07050886	107-06-2	1,2-Dichloroethane	N001	13	ug/L	U	F	13		valid
18199	WL	5/8/2007	07050886	78-87-5	1,2-Dichloropropane	N001	13	ug/L	U	F	13		valid
18199	WL	5/8/2007	07050886	541-73-1	1,3-Dichlorobenzene	N001	16	ug/L	U	F	16		valid
18199	WL	5/8/2007	07050886	106-46-7	1,4-Dichlorobenzene	N001	16	ug/L	U	F	16		valid
18199	WL	5/8/2007	07050886	71-43-2	Benzene	N001	16	ug/L	U	F	16		valid
18199	WL	5/8/2007	07050886	75-27-4	Bromodichloromethane	N001	17	ug/L	U	F	17		valid
18199	WL	5/8/2007	07050886	75-25-2	Bromoform	N001	19	ug/L	U	F	19		valid
18199	WL	5/8/2007	07050886	74-83-9	Bromomethane	N001	21	ug/L	U	F	21		valid
18199	WL	5/8/2007	07050886	56-23-5	Carbon tetrachloride	N001	14000	ug/L		F	76	J	
18199	WL	5/8/2007	07050886	108-90-7	Chlorobenzene	N001	17	ug/L	U	F	17		valid
18199	WL	5/8/2007	07050886	124-48-1	Chlorodibromomethane	N001	17	ug/L	U	F	17		valid
18199	WL	5/8/2007	07050886	67-66-3	Chloroform	N001	2800	ug/L		F	16		valid
18199	WL	5/8/2007	07050886	74-87-3	Chloromethane	N001	30	ug/L	U	F	30		valid
18199	WL	5/8/2007	07050886	156-59-2	cis-1,2-Dichloroethene	N001	15	ug/L	U	F	15		valid
18199	WL	5/8/2007	07050886	87-68-3	Hexachlorobutadiene	N001	12	ug/L	U	F	12		valid
18199	WL	5/8/2007	07050886	75-09-2	Methylene chloride	N001	32	ug/L	U	F	32		valid
18199	WL	5/8/2007	07050886	91-20-3	Naphthalene	N001	22	ug/L	U	F	22		valid
18199	WL	5/8/2007	07050886	100-42-5	Styrene	N001	17	ug/L	U	F	17		valid
18199	WL	5/8/2007	07050886	127-18-4	Tetrachloroethene	N001	20	ug/L	U	F	20		valid
18199	WL	5/8/2007	07050886	108-88-3	Toluene	N001	17	ug/L	U	F	17		valid
18199	WL	5/8/2007	07050886	100-41-4	Total Xylene	N001	16	ug/L	U	F	16		valid
18199	WL	5/8/2007	07050886	1330-20-7	Total Xylenes	N001	19	ug/L	U	F	19		valid
18199	WL	5/8/2007	07050886	156-60-5	trans-1,2-Dichloroethene	N001	15	ug/L	U	F	15		valid
18199	WL	5/8/2007	07050886	10061-02-6	trans-1,3-dichloropropene	N001	19	ug/L	U	F	19		valid
18199	WL	5/8/2007	07050886	79-01-6	Trichloroethene	N001	16	ug/L	U	F	16		valid
18199	WL	5/8/2007	07050886	75-01-4	Vinyl chloride	N001	17	ug/L	U	F	17		valid
20205	WL	5/1/2007	07050875	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
20205	WL	5/1/2007	07050875	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
20205	WL	5/1/2007	07050875	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
20205	WL	5/1/2007	07050875	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
20205	WL	5/1/2007	07050875	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
20205	WL	5/1/2007	07050875	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
20205	WL	5/1/2007	07050875	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
20205	WL	5/1/2007	07050875	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid

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20205	WL	5/1/2007	07050875	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
20205	WL	5/1/2007	07050875	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
20205	WL	5/1/2007	07050875	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
20205	WL	5/1/2007	07050875	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
20205	WL	5/1/2007	07060968	AM-241	Americium-241	N001	0.00646	pCi/L	U	F	0.0187	0.00698	valid
20205	WL	5/1/2007	07050875	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
20205	WL	5/1/2007	07050875	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
20205	WL	5/1/2007	07050875	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
20205	WL	5/1/2007	07050875	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
20205	WL	5/1/2007	07050875	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
20205	WL	5/1/2007	07050875	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
20205	WL	5/1/2007	07050875	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
20205	WL	5/1/2007	07050875	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
20205	WL	5/1/2007	07050875	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
20205	WL	5/1/2007	07050875	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
20205	WL	5/1/2007	07050875	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
20205	WL	5/1/2007	07050875	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
20205	WL	5/1/2007	07050875	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
20205	WL	5/1/2007	07060968	PU-239,240	Plutonium-239, 240	N001	-2.81E-09	pCi/L	U	F	0.0232	0.0141	valid
20205	WL	5/1/2007	07050875	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
20205	WL	5/1/2007	07050875	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
20205	WL	5/1/2007	07050875	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
20205	WL	5/1/2007	07050875	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
20205	WL	5/1/2007	07050875	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
20205	WL	5/1/2007	07050875	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
20205	WL	5/1/2007	07050875	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
20205	WL	5/1/2007	07050875	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
20205	WL	5/1/2007	07050875	7440-61-1	Uranium	N001	54	ug/L		F	0.02		valid
20205	WL	5/1/2007	07050875	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
20505	WL	5/1/2007	07050875	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
20505	WL	5/1/2007	07050875	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
20505	WL	5/1/2007	07050875	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
20505	WL	5/1/2007	07050875	75-35-4	1,1-Dichloroethene	N001	0.33	ug/L	J	F	0.14		valid
20505	WL	5/1/2007	07050875	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
20505	WL	5/1/2007	07050875	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
20505	WL	5/1/2007	07050875	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
20505	WL	5/1/2007	07050875	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
20505	WL	5/1/2007	07050875	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
20505	WL	5/1/2007	07050875	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
20505	WL	5/1/2007	07050875	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
20505	WL	5/1/2007	07050875	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
20505	WL	5/1/2007	07060968	AM-241	Americium-241	N001	-0.00409	pCi/L	U	F	0.0183	0.00705	valid
20505	WL	5/1/2007	07050875	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
20505	WL	5/1/2007	07050875	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
20505	WL	5/1/2007	07050875	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
20505	WL	5/1/2007	07050875	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
20505	WL	5/1/2007	07050875	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
20505	WL	5/1/2007	07050875	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
20505	WL	5/1/2007	07050875	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
20505	WL	5/1/2007	07050875	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
20505	WL	5/1/2007	07050875	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
20505	WL	5/1/2007	07050875	156-59-2	cis-1,2-Dichloroethene	N001	13	ug/L		F	0.15		valid
20505	WL	5/1/2007	07050875	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
20505	WL	5/1/2007	07050875	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
20505	WL	5/1/2007	07050875	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
20505	WL	5/1/2007	07060968	PU-239,240	Plutonium-239, 240	N001	0.00804	pCi/L	U	F	0.0212	0.0112	valid
20505	WL	5/1/2007	07050875	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid

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20505	WL	5/1/2007	07050875	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
20505	WL	5/1/2007	07050875	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
20505	WL	5/1/2007	07050875	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
20505	WL	5/1/2007	07050875	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
20505	WL	5/1/2007	07050875	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
20505	WL	5/1/2007	07050875	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
20505	WL	5/1/2007	07050875	79-01-6	Trichloroethene	N001	2.2	ug/L		F	0.16		valid
20505	WL	5/1/2007	07050875	7440-61-1	Uranium	N001	15	ug/L		F	0.02		valid
20505	WL	5/1/2007	07050875	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
20705	WL	4/30/2007	07050875	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
20705	WL	4/30/2007	07050875	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
20705	WL	4/30/2007	07050875	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
20705	WL	4/30/2007	07050875	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
20705	WL	4/30/2007	07050875	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
20705	WL	4/30/2007	07050875	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
20705	WL	4/30/2007	07050875	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
20705	WL	4/30/2007	07050875	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
20705	WL	4/30/2007	07050875	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
20705	WL	4/30/2007	07050875	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
20705	WL	4/30/2007	07050875	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
20705	WL	4/30/2007	07050875	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
20705	WL	4/30/2007	07060968	AM-241	Americium-241	N001	0.000841	pCi/L	U	F	0.0202	0.00926	valid
20705	WL	4/30/2007	07050875	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
20705	WL	4/30/2007	07050875	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
20705	WL	4/30/2007	07050875	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
20705	WL	4/30/2007	07050875	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
20705	WL	4/30/2007	07050875	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
20705	WL	4/30/2007	07050875	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
20705	WL	4/30/2007	07050875	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
20705	WL	4/30/2007	07050875	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
20705	WL	4/30/2007	07050875	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
20705	WL	4/30/2007	07050875	156-59-2	cis-1,2-Dichloroethene	N001	1.6	ug/L	U	F	0.15		valid
20705	WL	4/30/2007	07050875	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
20705	WL	4/30/2007	07050875	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
20705	WL	4/30/2007	07050875	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
20705	WL	4/30/2007	07050875	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.019	mg/L	U	F	0.019		valid
20705	WL	4/30/2007	07060968	PU-239,240	Plutonium-239, 240	N001	-5.83E-10	pCi/L	U	F	0.0193	0.00678	valid
20705	WL	4/30/2007	07050875	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
20705	WL	4/30/2007	07050875	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
20705	WL	4/30/2007	07050875	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
20705	WL	4/30/2007	07050875	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
20705	WL	4/30/2007	07050875	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
20705	WL	4/30/2007	07050875	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
20705	WL	4/30/2007	07050875	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
20705	WL	4/30/2007	07050875	79-01-6	Trichloroethene	N001	0.26	ug/L	J	F	0.16		valid
20705	WL	4/30/2007	07050875	7440-61-1	Uranium	N001	15	ug/L		F	0.02		valid
20705	WL	4/30/2007	07050875	75-01-4	Vinyl chloride	N001	0.59	ug/L	J	F	0.17		valid
23296	WL	5/29/2007	07050928	71-55-6	1,1,1-Trichloroethane	N001	0.64	ug/L	U	F	0.64		valid
23296	WL	5/29/2007	07050928	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.8	ug/L	U	F	0.8		valid
23296	WL	5/29/2007	07050928	79-00-5	1,1,2-Trichloroethane	N001	1.3	ug/L	U	F	1.3		valid
23296	WL	5/29/2007	07050928	75-35-4	1,1-Dichloroethene	N001	1.8	ug/L	J	F	0.56		valid
23296	WL	5/29/2007	07050928	120-82-1	1,2,4-Trichlorobenzene	N001	1.3	ug/L	U	F	1.3		valid
23296	WL	5/29/2007	07050928	96-12-8	1,2-Dibromo-3-chloropropane	N001	6	ug/L	U	F	6		valid
23296	WL	5/29/2007	07050928	106-93-4	1,2-Dibromoethane	N001	0.72	ug/L	U	F	0.72		valid
23296	WL	5/29/2007	07050928	95-50-1	1,2-Dichlorobenzene	N001	0.52	ug/L	U	F	0.52		valid
23296	WL	5/29/2007	07050928	107-06-2	1,2-Dichloroethane	N001	0.52	ug/L	U	F	0.52		valid
23296	WL	5/29/2007	07050928	78-87-5	1,2-Dichloropropane	N001	0.52	ug/L	U	F	0.52		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
23296	WL	5/29/2007	07050928	541-73-1	1,3-Dichlorobenzene	N001	0.64	ug/L	U	F	0.64		valid
23296	WL	5/29/2007	07050928	106-46-7	1,4-Dichlorobenzene	N001	0.64	ug/L	U	F	0.64		valid
23296	WL	5/29/2007	07050928	71-43-2	Benzene	N001	0.64	ug/L	U	F	0.64		valid
23296	WL	5/29/2007	07050928	75-27-4	Bromodichloromethane	N001	0.68	ug/L	U	F	0.68		valid
23296	WL	5/29/2007	07050928	75-25-2	Bromoform	N001	0.76	ug/L	U	F	0.76		valid
23296	WL	5/29/2007	07050928	74-83-9	Bromomethane	N001	0.84	ug/L	U	F	0.84		valid
23296	WL	5/29/2007	07050928	56-23-5	Carbon tetrachloride	N001	0.76	ug/L	U	F	0.76		valid
23296	WL	5/29/2007	07050928	108-90-7	Chlorobenzene	N001	0.68	ug/L	U	F	0.68		valid
23296	WL	5/29/2007	07050928	124-48-1	Chlorodibromomethane	N001	0.68	ug/L	U	F	0.68		valid
23296	WL	5/29/2007	07050928	67-66-3	Chloroform	N001	0.79	ug/L	J	F	0.64		valid
23296	WL	5/29/2007	07050928	74-87-3	Chloromethane	N001	1.2	ug/L	U	F	1.2		valid
23296	WL	5/29/2007	07050928	156-59-2	cis-1,2-Dichloroethene	N001	720	ug/L		F	3		valid
23296	WL	5/29/2007	07050928	87-68-3	Hexachlorobutadiene	N001	0.48	ug/L	U	F	0.48		valid
23296	WL	5/29/2007	07050928	75-09-2	Methylene chloride	N001	1.3	ug/L	U	F	1.3		valid
23296	WL	5/29/2007	07050928	91-20-3	Naphthalene	N001	0.88	ug/L	U	F	0.88		valid
23296	WL	5/29/2007	07050928	100-42-5	Styrene	N001	0.68	ug/L	U	F	0.68		valid
23296	WL	5/29/2007	07050928	127-18-4	Tetrachloroethene	N001	1.2	ug/L	J	F	0.8		valid
23296	WL	5/29/2007	07050928	108-88-3	Toluene	N001	0.68	ug/L	U	F	0.68		valid
23296	WL	5/29/2007	07050928	100-41-4	Total Xylene	N001	0.64	ug/L	U	F	0.64		valid
23296	WL	5/29/2007	07050928	1330-20-7	Total Xylenes	N001	0.76	ug/L	U	F	0.76		valid
23296	WL	5/29/2007	07050928	156-60-5	trans-1,2-Dichloroethene	N001	1.8	ug/L	J	F	0.6		valid
23296	WL	5/29/2007	07050928	10061-02-6	trans-1,3-dichloropropene	N001	0.76	ug/L	U	F	0.76		valid
23296	WL	5/29/2007	07050928	79-01-6	Trichloroethene	N001	450	ug/L		F	3.2		valid
23296	WL	5/29/2007	07050928	7440-61-1	Uranium	N001	32	ug/L		F	0.04		valid
23296	WL	5/29/2007	07050928	75-01-4	Vinyl chloride	N001	0.68	ug/L	U	F	0.68		valid
30002	WL	5/2/2007	07050893	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16	J	
30002	WL	5/2/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2	J	
30002	WL	5/2/2007	07050893	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32	J	
30002	WL	5/2/2007	07050893	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14	J	
30002	WL	5/2/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32	J	
30002	WL	5/2/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5	J	
30002	WL	5/2/2007	07050893	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18	J	
30002	WL	5/2/2007	07050893	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13	J	
30002	WL	5/2/2007	07050893	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13	J	
30002	WL	5/2/2007	07050893	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	J	
30002	WL	5/2/2007	07050893	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	J	
30002	WL	5/2/2007	07050893	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	J	
30002	WL	5/2/2007	07050893	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16	J	
30002	WL	5/2/2007	07050893	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17	J	
30002	WL	5/2/2007	07050893	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19	J	
30002	WL	5/2/2007	07050893	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21	J	
30002	WL	5/2/2007	07050893	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19	J	
30002	WL	5/2/2007	07050893	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17	J	
30002	WL	5/2/2007	07050893	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17	J	
30002	WL	5/2/2007	07050893	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16	J	
30002	WL	5/2/2007	07050893	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3	J	
30002	WL	5/2/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15	J	
30002	WL	5/2/2007	07050893	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12	J	
30002	WL	5/2/2007	07050893	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32	J	
30002	WL	5/2/2007	07050893	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22	J	
30002	WL	5/2/2007	07050893	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17	J	
30002	WL	5/2/2007	07050893	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2	J	
30002	WL	5/2/2007	07050893	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17	J	
30002	WL	5/2/2007	07050893	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16	J	
30002	WL	5/2/2007	07050893	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19	J	
30002	WL	5/2/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15	J	
30002	WL	5/2/2007	07050893	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19	J	

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30002	WL	5/2/2007	07050893	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16	J	
30002	WL	5/2/2007	07050893	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17	J	
33502	WL	5/1/2007	07050875	71-55-6	1,1,1-Trichloroethane	N001	8	ug/L	U	F	8		valid
33502	WL	5/1/2007	07050875	79-34-5	1,1,2,2-Tetrachloroethane	N001	10	ug/L	U	F	10		valid
33502	WL	5/1/2007	07050875	79-00-5	1,1,2-Trichloroethane	N001	16	ug/L	U	F	16		valid
33502	WL	5/1/2007	07050875	75-35-4	1,1-Dichloroethene	N001	7	ug/L	U	F	7		valid
33502	WL	5/1/2007	07050875	120-82-1	1,2,4-Trichlorobenzene	N001	16	ug/L	U	F	16		valid
33502	WL	5/1/2007	07050875	96-12-8	1,2-Dibromo-3-chloropropane	N001	75	ug/L	U	F	75		valid
33502	WL	5/1/2007	07050875	106-93-4	1,2-Dibromoethane	N001	9	ug/L	U	F	9		valid
33502	WL	5/1/2007	07050875	95-50-1	1,2-Dichlorobenzene	N001	6.5	ug/L	U	F	6.5		valid
33502	WL	5/1/2007	07050875	107-06-2	1,2-Dichloroethane	N001	6.5	ug/L	U	F	6.5		valid
33502	WL	5/1/2007	07050875	78-87-5	1,2-Dichloropropane	N001	6.5	ug/L	U	F	6.5		valid
33502	WL	5/1/2007	07050875	541-73-1	1,3-Dichlorobenzene	N001	15	ug/L	J B	F	8		valid
33502	WL	5/1/2007	07050875	106-46-7	1,4-Dichlorobenzene	N001	140	ug/L	B	F	8		valid
33502	WL	5/1/2007	07050875	71-43-2	Benzene	N001	8	ug/L	U	F	8		valid
33502	WL	5/1/2007	07050875	75-27-4	Bromodichloromethane	N001	8.5	ug/L	U	F	8.5		valid
33502	WL	5/1/2007	07050875	75-25-2	Bromoform	N001	9.5	ug/L	U	F	9.5		valid
33502	WL	5/1/2007	07050875	74-83-9	Bromomethane	N001	10	ug/L	U	F	10		valid
33502	WL	5/1/2007	07050875	56-23-5	Carbon tetrachloride	N001	9.5	ug/L	U	F	9.5		valid
33502	WL	5/1/2007	07050875	108-90-7	Chlorobenzene	N001	8.5	ug/L	U	F	8.5		valid
33502	WL	5/1/2007	07050875	124-48-1	Chlorodibromomethane	N001	8.5	ug/L	U	F	8.5		valid
33502	WL	5/1/2007	07050875	67-66-3	Chloroform	N001	8	ug/L	U	F	8		valid
33502	WL	5/1/2007	07050875	74-87-3	Chloromethane	N001	15	ug/L	U	F	15		valid
33502	WL	5/1/2007	07050875	156-59-2	cis-1,2-Dichloroethene	N001	13000	ug/L		F	75		valid
33502	WL	5/1/2007	07050875	87-68-3	Hexachlorobutadiene	N001	6	ug/L	U	F	6		valid
33502	WL	5/1/2007	07050875	75-09-2	Methylene chloride	N001	16	ug/L	U	F	16		valid
33502	WL	5/1/2007	07050875	91-20-3	Naphthalene	N001	11	ug/L	U	F	11		valid
33502	WL	5/1/2007	07050875	100-42-5	Styrene	N001	8.5	ug/L	U	F	8.5		valid
33502	WL	5/1/2007	07050875	127-18-4	Tetrachloroethene	N001	10	ug/L	U	F	10		valid
33502	WL	5/1/2007	07050875	108-88-3	Toluene	N001	8.5	ug/L	U	F	8.5		valid
33502	WL	5/1/2007	07050875	100-41-4	Total Xylene	N001	8	ug/L	U	F	8		valid
33502	WL	5/1/2007	07050875	1330-20-7	Total Xylenes	N001	9.5	ug/L	U	F	9.5		valid
33502	WL	5/1/2007	07050875	156-60-5	trans-1,2-Dichloroethene	N001	100	ug/L		F	7.5		valid
33502	WL	5/1/2007	07050875	10061-02-6	trans-1,3-dichloropropene	N001	9.5	ug/L	U	F	9.5		valid
33502	WL	5/1/2007	07050875	79-01-6	Trichloroethene	N001	8	ug/L	U	F	8		valid
33502	WL	5/1/2007	07050875	75-01-4	Vinyl chloride	N001	2200	ug/L		F	8.5		valid
33604	WL	5/2/2007	07050893	71-55-6	1,1,1-Trichloroethane	N001	6.4	ug/L	U	F	6.4	J	
33604	WL	5/2/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N001	8	ug/L	U	F	8		J
33604	WL	5/2/2007	07050893	79-00-5	1,1,2-Trichloroethane	N001	13	ug/L	U	F	13		J
33604	WL	5/2/2007	07050893	75-35-4	1,1-Dichloroethene	N001	12	ug/L	J	F	5.6		J
33604	WL	5/2/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N001	13	ug/L	U	F	13		J
33604	WL	5/2/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N001	60	ug/L	U	F	60		J
33604	WL	5/2/2007	07050893	106-93-4	1,2-Dibromoethane	N001	7.2	ug/L	U	F	7.2		J
33604	WL	5/2/2007	07050893	95-50-1	1,2-Dichlorobenzene	N001	5.2	ug/L	U	F	5.2		J
33604	WL	5/2/2007	07050893	107-06-2	1,2-Dichloroethane	N001	5.2	ug/L	U	F	5.2		J
33604	WL	5/2/2007	07050893	78-87-5	1,2-Dichloropropane	N001	5.2	ug/L	U	F	5.2		J
33604	WL	5/2/2007	07050893	541-73-1	1,3-Dichlorobenzene	N001	6.4	ug/L	U	F	6.4		J
33604	WL	5/2/2007	07050893	106-46-7	1,4-Dichlorobenzene	N001	6.4	ug/L	U	F	6.4		J
33604	WL	5/2/2007	07050893	71-43-2	Benzene	N001	6.4	ug/L	U	F	6.4		J
33604	WL	5/2/2007	07050893	75-27-4	Bromodichloromethane	N001	6.8	ug/L	U	F	6.8		J
33604	WL	5/2/2007	07050893	75-25-2	Bromoform	N001	7.6	ug/L	U	F	7.6		J
33604	WL	5/2/2007	07050893	74-83-9	Bromomethane	N001	8.4	ug/L	U	F	8.4		J
33604	WL	5/2/2007	07050893	56-23-5	Carbon tetrachloride	N001	7.6	ug/L	U	F	7.6		J
33604	WL	5/2/2007	07050893	108-90-7	Chlorobenzene	N001	6.8	ug/L	U	F	6.8		J
33604	WL	5/2/2007	07050893	124-48-1	Chlorodibromomethane	N001	6.8	ug/L	U	F	6.8		J
33604	WL	5/2/2007	07050893	67-66-3	Chloroform	N001	6.4	ug/L	U	F	6.4		J
33604	WL	5/2/2007	07050893	74-87-3	Chloromethane	N001	12	ug/L	U	F	12		J

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33604	WL	5/2/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N001	4400	ug/L	U	F	30	J	
33604	WL	5/2/2007	07050893	87-68-3	Hexachlorobutadiene	N001	4.8	ug/L	U	F	4.8	J	
33604	WL	5/2/2007	07050893	75-09-2	Methylene chloride	N001	13	ug/L	U	F	13	J	
33604	WL	5/2/2007	07050893	91-20-3	Naphthalene	N001	8.8	ug/L	U	F	8.8	J	
33604	WL	5/2/2007	07050893	100-42-5	Styrene	N001	6.8	ug/L	U	F	6.8	J	
33604	WL	5/2/2007	07050893	127-18-4	Tetrachloroethene	N001	56	ug/L	U	F	8	J	
33604	WL	5/2/2007	07050893	108-88-3	Toluene	N001	6.8	ug/L	U	F	6.8	J	
33604	WL	5/2/2007	07050893	100-41-4	Total Xylene	N001	6.4	ug/L	U	F	6.4	J	
33604	WL	5/2/2007	07050893	1330-20-7	Total Xylenes	N001	7.6	ug/L	U	F	7.6	J	
33604	WL	5/2/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N001	48	ug/L	U	F	6	J	
33604	WL	5/2/2007	07050893	10061-02-6	trans-1,3-dichloropropene	N001	7.6	ug/L	U	F	7.6	J	
33604	WL	5/2/2007	07050893	79-01-6	Trichloroethene	N001	110	ug/L	U	F	6.4	J	
33604	WL	5/2/2007	07050893	75-01-4	Vinyl chloride	N001	2100	ug/L	U	F	6.8	J	
33703	WL	5/2/2007	07050893	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16	J	
33703	WL	5/2/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2	J	
33703	WL	5/2/2007	07050893	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32	J	
33703	WL	5/2/2007	07050893	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14	J	
33703	WL	5/2/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32	J	
33703	WL	5/2/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5	J	
33703	WL	5/2/2007	07050893	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18	J	
33703	WL	5/2/2007	07050893	95-50-1	1,2-Dichlorobenzene	N001	0.22	ug/L	J B	F	0.13	UU	
33703	WL	5/2/2007	07050893	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13	J	
33703	WL	5/2/2007	07050893	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	J	
33703	WL	5/2/2007	07050893	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	J	
33703	WL	5/2/2007	07050893	541-73-1	1,3-Dichlorobenzene	N001	1.6	ug/L	U	F	0.16	J	
33703	WL	5/2/2007	07050893	106-46-7	1,4-Dichlorobenzene	N001	10	ug/L	U	F	0.16	J	
33703	WL	5/2/2007	07050893	71-43-2	Benzene	N001	0.4	ug/L	J	F	0.16	J	
33703	WL	5/2/2007	07050893	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17	J	
33703	WL	5/2/2007	07050893	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19	J	
33703	WL	5/2/2007	07050893	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21	J	
33703	WL	5/2/2007	07050893	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19	J	
33703	WL	5/2/2007	07050893	108-90-7	Chlorobenzene	N001	19	ug/L	U	F	0.17	J	
33703	WL	5/2/2007	07050893	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17	J	
33703	WL	5/2/2007	07050893	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16	J	
33703	WL	5/2/2007	07050893	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3	J	
33703	WL	5/2/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N001	0.79	ug/L	J	F	0.150	J	
33703	WL	5/2/2007	07050893	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12	J	
33703	WL	5/2/2007	07050893	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32	J	
33703	WL	5/2/2007	07050893	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22	J	
33703	WL	5/2/2007	07050893	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17	J	
33703	WL	5/2/2007	07050893	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2	J	
33703	WL	5/2/2007	07050893	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17	J	
33703	WL	5/2/2007	07050893	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16	J	
33703	WL	5/2/2007	07050893	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.190	J	
33703	WL	5/2/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N001	0.79	ug/L	U	F	0.15	J	
33703	WL	5/2/2007	07050893	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19	J	
33703	WL	5/2/2007	07050893	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.160	J	
33703	WL	5/2/2007	07050893	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17	J	
37405	WL	5/2/2007	07050893	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.160	J	
37405	WL	5/2/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2	J	
37405	WL	5/2/2007	07050893	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32	J	
37405	WL	5/2/2007	07050893	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14	J	
37405	WL	5/2/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32	J	
37405	WL	5/2/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5	J	
37405	WL	5/2/2007	07050893	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18	J	
37405	WL	5/2/2007	07050893	95-50-1	1,2-Dichlorobenzene	N001	0.64	ug/L	J B	F	0.13	UU	
37405	WL	5/2/2007	07050893	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13	J	
37405	WL	5/2/2007	07050893	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	J	

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
37405	WL	5/2/2007	07050893	541-73-1	1,3-Dichlorobenzene	N001	0.57	ug/L	J	F	0.16		J
37405	WL	5/2/2007	07050893	106-46-7	1,4-Dichlorobenzene	N001	1.4	ug/L		F	0.16		J
37405	WL	5/2/2007	07060968	AM-241	Americium-241	N001	0.00671	pCi/L	U	F	0.0197	0.00989	valid
37405	WL	5/2/2007	07050893	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		J
37405	WL	5/2/2007	07050893	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		J
37405	WL	5/2/2007	07050893	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		J
37405	WL	5/2/2007	07050893	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		J
37405	WL	5/2/2007	07050893	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		J
37405	WL	5/2/2007	07050893	108-90-7	Chlorobenzene	N001	0.36	ug/L	J	F	0.17		J
37405	WL	5/2/2007	07050893	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		J
37405	WL	5/2/2007	07050893	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		J
37405	WL	5/2/2007	07050893	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		J
37405	WL	5/2/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		J
37405	WL	5/2/2007	07050893	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		J
37405	WL	5/2/2007	07050893	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		J
37405	WL	5/2/2007	07050893	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		J
37405	WL	5/2/2007	07050893	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	1.4	mg/L		F	0.019		J
37405	WL	5/2/2007	07060968	PU-239,240	Plutonium-239, 240	N001	0.0087	pCi/L	U	F	0.0153	0.00631	valid
37405	WL	5/2/2007	07050893	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		J
37405	WL	5/2/2007	07050893	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		J
37405	WL	5/2/2007	07050893	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		J
37405	WL	5/2/2007	07050893	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		J
37405	WL	5/2/2007	07050893	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		J
37405	WL	5/2/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		J
37405	WL	5/2/2007	07050893	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		J
37405	WL	5/2/2007	07050893	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		J
37405	WL	5/2/2007	07050893	7440-61-1	Uranium	0001	3.3	ug/L		F	0.02		valid
37405	WL	5/2/2007	07050893	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		J
37505	WL	5/2/2007	07050893	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		J
37505	WL	5/2/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		J
37505	WL	5/2/2007	07050893	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		J
37505	WL	5/2/2007	07050893	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		J
37505	WL	5/2/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		J
37505	WL	5/2/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		J
37505	WL	5/2/2007	07050893	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		J
37505	WL	5/2/2007	07050893	95-50-1	1,2-Dichlorobenzene	N001	0.18	ug/L	J B	F	0.13		UJ
37505	WL	5/2/2007	07050893	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		J
37505	WL	5/2/2007	07050893	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		J
37505	WL	5/2/2007	07050893	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		J
37505	WL	5/2/2007	07050893	106-46-7	1,4-Dichlorobenzene	N001	0.38	ug/L	J	F	0.16		J
37505	WL	5/2/2007	07050893	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		J
37505	WL	5/2/2007	07050893	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		J
37505	WL	5/2/2007	07050893	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		J
37505	WL	5/2/2007	07050893	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		J
37505	WL	5/2/2007	07050893	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		J
37505	WL	5/2/2007	07050893	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		J
37505	WL	5/2/2007	07050893	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		J
37505	WL	5/2/2007	07050893	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		J
37505	WL	5/2/2007	07050893	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		J
37505	WL	5/2/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		J
37505	WL	5/2/2007	07050893	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		J
37505	WL	5/2/2007	07050893	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		J
37505	WL	5/2/2007	07050893	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		J
37505	WL	5/2/2007	07050893	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.21	mg/L		F	0.019		J
37505	WL	5/2/2007	07050893	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		J
37505	WL	5/2/2007	07050893	127-18-4	Tetrachloroethene	N001	0.33	ug/L	J	F	0.2		J
37505	WL	5/2/2007	07050893	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		J

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37505	WL	5/2/2007	07050893	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16	J	
37505	WL	5/2/2007	07050893	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19	J	
37505	WL	5/2/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15	J	
37505	WL	5/2/2007	07050893	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19	J	
37505	WL	5/2/2007	07050893	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16	J	
37505	WL	5/2/2007	07050893	7440-61-1	Uranium	N001	2.3	ug/L	U	F	0.02	valid	
37505	WL	5/2/2007	07050893	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17	J	
37705	WL	5/3/2007	07050886	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16	valid	
37705	WL	5/3/2007	07050886	71-55-6	1,1,1-Trichloroethane	N002	0.16	ug/L	U	D	0.16	valid	
37705	WL	5/3/2007	07050886	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2	valid	
37705	WL	5/3/2007	07050886	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	D	0.2	valid	
37705	WL	5/3/2007	07050886	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32	valid	
37705	WL	5/3/2007	07050886	79-00-5	1,1,2-Trichloroethane	N002	0.32	ug/L	U	D	0.32	valid	
37705	WL	5/3/2007	07050886	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14	valid	
37705	WL	5/3/2007	07050886	75-35-4	1,1-Dichloroethene	N002	0.14	ug/L	U	D	0.14	valid	
37705	WL	5/3/2007	07050886	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32	valid	
37705	WL	5/3/2007	07050886	120-82-1	1,2,4-Trichlorobenzene	N002	0.32	ug/L	U	D	0.32	valid	
37705	WL	5/3/2007	07050886	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5	valid	
37705	WL	5/3/2007	07050886	96-12-8	1,2-Dibromo-3-chloropropane	N002	1.5	ug/L	U	D	1.5	valid	
37705	WL	5/3/2007	07050886	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18	valid	
37705	WL	5/3/2007	07050886	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	D	0.18	valid	
37705	WL	5/3/2007	07050886	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13	valid	
37705	WL	5/3/2007	07050886	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	D	0.13	valid	
37705	WL	5/3/2007	07050886	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13	valid	
37705	WL	5/3/2007	07050886	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	D	0.13	valid	
37705	WL	5/3/2007	07050886	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	valid	
37705	WL	5/3/2007	07050886	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	D	0.13	valid	
37705	WL	5/3/2007	07050886	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	valid	
37705	WL	5/3/2007	07050886	541-73-1	1,3-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16	valid	
37705	WL	5/3/2007	07050886	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	valid	
37705	WL	5/3/2007	07050886	106-46-7	1,4-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16	valid	
37705	WL	5/3/2007	07060968	AM-241	Americium-241	N001	-0.00647	pCi/L	U	F	0.0218	0.0101	valid
37705	WL	5/3/2007	07050886	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16	valid	
37705	WL	5/3/2007	07050886	71-43-2	Benzene	N002	0.16	ug/L	U	D	0.16	valid	
37705	WL	5/3/2007	07050886	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17	valid	
37705	WL	5/3/2007	07050886	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	D	0.17	valid	
37705	WL	5/3/2007	07050886	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19	valid	
37705	WL	5/3/2007	07050886	75-25-2	Bromoform	N002	0.19	ug/L	U	D	0.19	valid	
37705	WL	5/3/2007	07050886	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21	valid	
37705	WL	5/3/2007	07050886	74-83-9	Bromomethane	N002	0.21	ug/L	U	D	0.21	valid	
37705	WL	5/3/2007	07050886	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19	valid	
37705	WL	5/3/2007	07050886	56-23-5	Carbon tetrachloride	N002	0.19	ug/L	U	D	0.19	valid	
37705	WL	5/3/2007	07050886	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17	valid	
37705	WL	5/3/2007	07050886	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	D	0.17	valid	
37705	WL	5/3/2007	07050886	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17	valid	
37705	WL	5/3/2007	07050886	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	D	0.17	valid	
37705	WL	5/3/2007	07050886	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16	valid	
37705	WL	5/3/2007	07050886	67-66-3	Chloroform	N002	0.16	ug/L	U	D	0.16	valid	
37705	WL	5/3/2007	07050886	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3	valid	
37705	WL	5/3/2007	07050886	74-87-3	Chloromethane	N002	0.3	ug/L	U	D	0.3	valid	
37705	WL	5/3/2007	07050886	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15	valid	
37705	WL	5/3/2007	07050886	156-59-2	cis-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15	valid	
37705	WL	5/3/2007	07050886	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12	valid	
37705	WL	5/3/2007	07050886	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	D	0.12	valid	
37705	WL	5/3/2007	07050886	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32	valid	
37705	WL	5/3/2007	07050886	75-09-2	Methylene chloride	N002	0.32	ug/L	U	D	0.32	valid	
37705	WL	5/3/2007	07050886	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22	valid	

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
37705	WL	5/3/2007	07050886	91-20-3	Naphthalene	N002	0.22	ug/L	U	D	0.22		valid
37705	WL	5/3/2007	07050886	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.47	mg/L	F	0.019		J	
37705	WL	5/3/2007	07050886	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	0.47	mg/L	D	0.019		J	
37705	WL	5/3/2007	07060968	PU-239,240	Plutonium-239, 240	N001	0.0026	pCi/L	U	F	0.0137	0.0051	valid
37705	WL	5/3/2007	07050886	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
37705	WL	5/3/2007	07050886	100-42-5	Styrene	N002	0.17	ug/L	U	D	0.17		valid
37705	WL	5/3/2007	07050886	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
37705	WL	5/3/2007	07050886	127-18-4	Tetrachloroethene	N002	0.2	ug/L	U	D	0.2		valid
37705	WL	5/3/2007	07050886	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
37705	WL	5/3/2007	07050886	108-88-3	Toluene	N002	0.17	ug/L	U	D	0.17		valid
37705	WL	5/3/2007	07050886	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
37705	WL	5/3/2007	07050886	100-41-4	Total Xylene	N002	0.16	ug/L	U	D	0.16		valid
37705	WL	5/3/2007	07050886	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
37705	WL	5/3/2007	07050886	1330-20-7	Total Xylenes	N002	0.19	ug/L	U	D	0.19		valid
37705	WL	5/3/2007	07050886	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
37705	WL	5/3/2007	07050886	156-60-5	trans-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15		valid
37705	WL	5/3/2007	07050886	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
37705	WL	5/3/2007	07050886	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	D	0.19		valid
37705	WL	5/3/2007	07050886	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
37705	WL	5/3/2007	07050886	79-01-6	Trichloroethene	N002	0.16	ug/L	U	D	0.16		valid
37705	WL	5/3/2007	07050886	7440-61-1	Uranium	0001	14	ug/L		F	0.04		J
37705	WL	5/3/2007	07050886	7440-61-1	Uranium	0002	14	ug/L		D	0.04		J
37705	WL	5/3/2007	07050886	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
37705	WL	5/3/2007	07050886	75-01-4	Vinyl chloride	N002	0.17	ug/L	U	D	0.17		valid
40305	WL	4/16/2007	07040854	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
40305	WL	4/16/2007	07040854	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
40305	WL	4/16/2007	07040854	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
40305	WL	4/16/2007	07040854	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
40305	WL	4/16/2007	07040854	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
40305	WL	4/16/2007	07040854	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
40305	WL	4/16/2007	07040854	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
40305	WL	4/16/2007	07040854	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
40305	WL	4/16/2007	07040854	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
40305	WL	4/16/2007	07040854	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
40305	WL	4/16/2007	07040854	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
40305	WL	4/16/2007	07040854	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
40305	WL	4/16/2007	07040854	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
40305	WL	4/16/2007	07040854	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
40305	WL	4/16/2007	07040854	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
40305	WL	4/16/2007	07040854	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
40305	WL	4/16/2007	07040854	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
40305	WL	4/16/2007	07040854	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
40305	WL	4/16/2007	07040854	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
40305	WL	4/16/2007	07040854	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
40305	WL	4/16/2007	07040854	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
40305	WL	4/16/2007	07040854	156-59-2	cis-1,2-Dichloroethene	N001	0.39	ug/L	J	F	0.15		valid
40305	WL	4/16/2007	07040854	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
40305	WL	4/16/2007	07040854	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
40305	WL	4/16/2007	07040854	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
40305	WL	4/16/2007	07040854	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
40305	WL	4/16/2007	07040854	127-18-4	Tetrachloroethene	N001	1.3	ug/L	U	F	0.2		J
40305	WL	4/16/2007	07040854	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
40305	WL	4/16/2007	07040854	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
40305	WL	4/16/2007	07040854	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
40305	WL	4/16/2007	07040854	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
40305	WL	4/16/2007	07040854	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
40305	WL	4/16/2007	07040854	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
40305	WL	4/16/2007	07040854	7440-61-1	Uranium	N001	0.78	ug/L	U	F	0.02	J	
40305	WL	4/16/2007	07040854	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17	valid	
41691	WL	5/24/2007	07050928	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16	valid	
41691	WL	5/24/2007	07050928	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2	valid	
41691	WL	5/24/2007	07050928	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32	valid	
41691	WL	5/24/2007	07050928	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14	valid	
41691	WL	5/24/2007	07050928	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32	valid	
41691	WL	5/24/2007	07050928	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5	valid	
41691	WL	5/24/2007	07050928	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18	valid	
41691	WL	5/24/2007	07050928	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13	valid	
41691	WL	5/24/2007	07050928	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13	valid	
41691	WL	5/24/2007	07050928	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	valid	
41691	WL	5/24/2007	07050928	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	valid	
41691	WL	5/24/2007	07050928	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	valid	
41691	WL	5/24/2007	07050928	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16	valid	
41691	WL	5/24/2007	07050928	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17	valid	
41691	WL	5/24/2007	07050928	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19	valid	
41691	WL	5/24/2007	07050928	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21	valid	
41691	WL	5/24/2007	07050928	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19	valid	
41691	WL	5/24/2007	07050928	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17	valid	
41691	WL	5/24/2007	07050928	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17	valid	
41691	WL	5/24/2007	07050928	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16	valid	
41691	WL	5/24/2007	07050928	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3	valid	
41691	WL	5/24/2007	07050928	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15	valid	
41691	WL	5/24/2007	07050928	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12	valid	
41691	WL	5/24/2007	07050928	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32	valid	
41691	WL	5/24/2007	07050928	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22	valid	
41691	WL	5/24/2007	07050928	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.019	mg/L	U	F	0.019	valid	
41691	WL	5/24/2007	07050928	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17	valid	
41691	WL	5/24/2007	07050928	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2	valid	
41691	WL	5/24/2007	07050928	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17	valid	
41691	WL	5/24/2007	07050928	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16	valid	
41691	WL	5/24/2007	07050928	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19	valid	
41691	WL	5/24/2007	07050928	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15	valid	
41691	WL	5/24/2007	07050928	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19	valid	
41691	WL	5/24/2007	07050928	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16	valid	
41691	WL	5/24/2007	07050928	7440-61-1	Uranium	N001	7.1	ug/L	U	F	0.04	valid	
41691	WL	5/24/2007	07050928	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17	valid	
42505	WL	4/26/2007	07050875	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16	valid	
42505	WL	4/26/2007	07050875	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2	valid	
42505	WL	4/26/2007	07050875	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32	valid	
42505	WL	4/26/2007	07050875	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14	valid	
42505	WL	4/26/2007	07050875	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32	valid	
42505	WL	4/26/2007	07050875	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5	valid	
42505	WL	4/26/2007	07050875	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18	valid	
42505	WL	4/26/2007	07050875	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13	valid	
42505	WL	4/26/2007	07050875	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13	valid	
42505	WL	4/26/2007	07050875	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	valid	
42505	WL	4/26/2007	07050875	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	valid	
42505	WL	4/26/2007	07050875	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	valid	
42505	WL	4/26/2007	07050875	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16	valid	
42505	WL	4/26/2007	07050875	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17	valid	
42505	WL	4/26/2007	07050875	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19	valid	
42505	WL	4/26/2007	07050875	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21	valid	
42505	WL	4/26/2007	07050875	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19	valid	
42505	WL	4/26/2007	07050875	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17	valid	
42505	WL	4/26/2007	07050875	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17	valid	

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42505	WL	4/26/2007	07050875	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
42505	WL	4/26/2007	07050875	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
42505	WL	4/26/2007	07050875	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
42505	WL	4/26/2007	07050875	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
42505	WL	4/26/2007	07050875	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
42505	WL	4/26/2007	07050875	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
42505	WL	4/26/2007	07050875	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
42505	WL	4/26/2007	07050875	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
42505	WL	4/26/2007	07050875	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
42505	WL	4/26/2007	07050875	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
42505	WL	4/26/2007	07050875	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
42505	WL	4/26/2007	07050875	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
42505	WL	4/26/2007	07050875	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
42505	WL	4/26/2007	07050875	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
42505	WL	4/26/2007	07050875	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
45605	WL	5/15/2007	07050908	71-55-6	1,1,1-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
45605	WL	5/15/2007	07050908	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.4	ug/L	U	F	0.4		valid
45605	WL	5/15/2007	07050908	79-00-5	1,1,2-Trichloroethane	N001	0.64	ug/L	U	F	0.64		valid
45605	WL	5/15/2007	07050908	75-35-4	1,1-Dichloroethene	N001	0.28	ug/L	U	F	0.28		valid
45605	WL	5/15/2007	07050908	120-82-1	1,2,4-Trichlorobenzene	N001	0.64	ug/L	U	F	0.64		valid
45605	WL	5/15/2007	07050908	96-12-8	1,2-Dibromo-3-chloropropane	N001	3	ug/L	U	F	3		valid
45605	WL	5/15/2007	07050908	106-93-4	1,2-Dibromoethane	N001	0.36	ug/L	U	F	0.36		valid
45605	WL	5/15/2007	07050908	95-50-1	1,2-Dichlorobenzene	N001	0.26	ug/L	U	F	0.26		valid
45605	WL	5/15/2007	07050908	107-06-2	1,2-Dichloroethane	N001	0.26	ug/L	U	F	0.26		valid
45605	WL	5/15/2007	07050908	78-87-5	1,2-Dichloropropane	N001	0.26	ug/L	U	F	0.26		valid
45605	WL	5/15/2007	07050908	541-73-1	1,3-Dichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
45605	WL	5/15/2007	07050908	106-46-7	1,4-Dichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
45605	WL	5/15/2007	07050908	71-43-2	Benzene	N001	0.32	ug/L	U	F	0.32		valid
45605	WL	5/15/2007	07050908	75-27-4	Bromodichloromethane	N001	0.34	ug/L	U	F	0.34		valid
45605	WL	5/15/2007	07050908	75-25-2	Bromoform	N001	0.38	ug/L	U	F	0.38		valid
45605	WL	5/15/2007	07050908	74-83-9	Bromomethane	N001	0.42	ug/L	U	F	0.42		valid
45605	WL	5/15/2007	07050908	56-23-5	Carbon tetrachloride	N001	0.38	ug/L	U	F	0.38		valid
45605	WL	5/15/2007	07050908	108-90-7	Chlorobenzene	N001	0.34	ug/L	U	F	0.34		valid
45605	WL	5/15/2007	07050908	124-48-1	Chlorodibromomethane	N001	0.34	ug/L	U	F	0.34		valid
45605	WL	5/15/2007	07050908	67-66-3	Chloroform	N001	0.32	ug/L	U	F	0.32		valid
45605	WL	5/15/2007	07050908	74-87-3	Chloromethane	N001	0.6	ug/L	U	F	0.6		valid
45605	WL	5/15/2007	07050908	156-59-2	cis-1,2-Dichloroethene	N001	170	ug/L	U	F	1		valid
45605	WL	5/15/2007	07050908	87-68-3	Hexachlorobutadiene	N001	0.24	ug/L	U	F	0.24		valid
45605	WL	5/15/2007	07050908	75-09-2	Methylene chloride	N001	0.64	ug/L	U	F	0.64		valid
45605	WL	5/15/2007	07050908	91-20-3	Naphthalene	N001	0.44	ug/L	U	F	0.44		valid
45605	WL	5/15/2007	07050908	100-42-5	Styrene	N001	0.34	ug/L	U	F	0.34		valid
45605	WL	5/15/2007	07050908	127-18-4	Tetrachloroethene	N001	0.4	ug/L	U	F	0.4		valid
45605	WL	5/15/2007	07050908	108-88-3	Toluene	N001	0.34	ug/L	U	F	0.34		valid
45605	WL	5/15/2007	07050908	100-41-4	Total Xylene	N001	0.32	ug/L	U	F	0.32		valid
45605	WL	5/15/2007	07050908	1330-20-7	Total Xylenes	N001	0.38	ug/L	U	F	0.38		valid
45605	WL	5/15/2007	07050908	156-60-5	trans-1,2-Dichloroethene	N001	6.3	ug/L	U	F	0.3		valid
45605	WL	5/15/2007	07050908	10061-02-6	trans-1,3-dichloropropene	N001	0.38	ug/L	U	F	0.38		valid
45605	WL	5/15/2007	07050908	79-01-6	Trichloroethene	N001	0.32	ug/L	U	F	0.32		valid
45605	WL	5/15/2007	07050908	75-01-4	Vinyl chloride	N001	1.2	ug/L	J	F	0.34		valid
51605	WL	5/31/2007	07060935	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.019	mg/L	U	F	0.019		valid
51605	WL	5/31/2007	07060935	7440-61-1	Uranium	0001	22	ug/L	U	F	0.02		valid
52505	WL	5/16/2007	07050908	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
52505	WL	5/16/2007	07050908	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
52505	WL	5/16/2007	07050908	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
52505	WL	5/16/2007	07050908	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
52505	WL	5/16/2007	07050908	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
52505	WL	5/16/2007	07050908	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid

Appendix A

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
52505	WL	5/16/2007	07050908	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
52505	WL	5/16/2007	07050908	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
52505	WL	5/16/2007	07050908	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
52505	WL	5/16/2007	07050908	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
52505	WL	5/16/2007	07050908	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
52505	WL	5/16/2007	07050908	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
52505	WL	5/16/2007	07050908	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
52505	WL	5/16/2007	07050908	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
52505	WL	5/16/2007	07050908	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
52505	WL	5/16/2007	07050908	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
52505	WL	5/16/2007	07050908	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
52505	WL	5/16/2007	07050908	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
52505	WL	5/16/2007	07050908	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
52505	WL	5/16/2007	07050908	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
52505	WL	5/16/2007	07050908	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
52505	WL	5/16/2007	07050908	156-59-2	cis-1,2-Dichloroethene	N001	0.19	ug/L	J	F	0.15		valid
52505	WL	5/16/2007	07050908	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
52505	WL	5/16/2007	07050908	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
52505	WL	5/16/2007	07050908	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
52505	WL	5/16/2007	07050908	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
52505	WL	5/16/2007	07050908	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
52505	WL	5/16/2007	07050908	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
52505	WL	5/16/2007	07050908	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
52505	WL	5/16/2007	07050908	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
52505	WL	5/16/2007	07050908	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
52505	WL	5/16/2007	07050908	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
52505	WL	5/16/2007	07050908	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
52505	WL	5/16/2007	07050908	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
70099	WL	5/30/2007	07050928	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.71	mg/L	F	0.019			valid
70099	WL	5/30/2007	07050928	7440-61-1	Uranium	0001	260	ug/L		F	0.1		valid
70193	WL	4/30/2007	07050875	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	4/30/2007	07050875	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
70193	WL	4/30/2007	07050875	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
70193	WL	4/30/2007	07050875	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
70193	WL	4/30/2007	07050875	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
70193	WL	4/30/2007	07050875	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
70193	WL	4/30/2007	07050875	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
70193	WL	4/30/2007	07050875	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
70193	WL	4/30/2007	07050875	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
70193	WL	4/30/2007	07050875	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
70193	WL	4/30/2007	07050875	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	4/30/2007	07050875	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	4/30/2007	07050875	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8		R
70193	WL	4/30/2007	07050875	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		R
70193	WL	4/30/2007	07050875	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	4/30/2007	07050875	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	4/30/2007	07050875	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
70193	WL	4/30/2007	07050875	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
70193	WL	4/30/2007	07050875	7440-43-9	Cadmium	0001	0.45	ug/L	U	F	0.45		valid
70193	WL	4/30/2007	07050875	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
70193	WL	4/30/2007	07050875	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	4/30/2007	07050875	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	4/30/2007	07050875	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	4/30/2007	07050875	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
70193	WL	4/30/2007	07050875	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70193	WL	4/30/2007	07050875	7440-50-8	Copper	0001	4.5	ug/L	U	F	4.5		valid
70193	WL	4/30/2007	07050875	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
70193	WL	4/30/2007	07050875	7439-92-1	Lead	N001	2.6	ug/L	U	F	2.6		valid
70193	WL	4/30/2007	07050875	M&P XYLENE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
70193	WL	4/30/2007	07050875	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
70193	WL	4/30/2007	07050875	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
70193	WL	4/30/2007	07050875	7440-02-0	Nickel	N001	7.8	ug/L	U	F	7.8		valid
70193	WL	4/30/2007	07050875	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
70193	WL	4/30/2007	07050875	7440-22-4	Silver	N001	2.8	ug/L	U	F	2.8		valid
70193	WL	4/30/2007	07050875	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	4/30/2007	07050875	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
70193	WL	4/30/2007	07050875	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	4/30/2007	07050875	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	4/30/2007	07050875	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70193	WL	4/30/2007	07050875	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
70193	WL	4/30/2007	07050875	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
70193	WL	4/30/2007	07050875	7440-61-1	Uranium	N001	16	ug/L	U	F	16		valid
70193	WL	4/30/2007	07050875	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
70193	WL	4/30/2007	07050875	7440-66-6	Zinc	N001	9.6	ug/L	B	F	4.5		U
70393	WL	4/19/2007	07040864	71-55-6	1,1,1-Trichloroethane	N001	2.5	ug/L		F	0.16		valid
70393	WL	4/19/2007	07040864	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
70393	WL	4/19/2007	07040864	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
70393	WL	4/19/2007	07040864	75-35-4	1,1-Dichloroethene	N001	3.9	ug/L		F	0.14		valid
70393	WL	4/19/2007	07040864	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
70393	WL	4/19/2007	07040864	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
70393	WL	4/19/2007	07040864	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
70393	WL	4/19/2007	07040864	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
70393	WL	4/19/2007	07040864	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
70393	WL	4/19/2007	07040864	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
70393	WL	4/19/2007	07040864	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70393	WL	4/19/2007	07040864	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70393	WL	4/19/2007	07040864	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8		valid
70393	WL	4/19/2007	07040864	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		valid
70393	WL	4/19/2007	07040864	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
70393	WL	4/19/2007	07040864	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	4/19/2007	07040864	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
70393	WL	4/19/2007	07040864	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
70393	WL	4/19/2007	07040864	7440-43-9	Cadmium	N001	0.45	ug/L	U	F	0.45		valid
70393	WL	4/19/2007	07040864	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
70393	WL	4/19/2007	07040864	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	4/19/2007	07040864	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	4/19/2007	07040864	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
70393	WL	4/19/2007	07040864	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
70393	WL	4/19/2007	07040864	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70393	WL	4/19/2007	07040864	7440-50-8	Copper	N001	4.5	ug/L	U	F	4.5		valid
70393	WL	4/19/2007	07040864	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
70393	WL	4/19/2007	07040864	7439-92-1	Lead	N001	2.6	ug/L	U	F	2.6		valid
70393	WL	4/19/2007	07040864	M&P XYLENE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
70393	WL	4/19/2007	07040864	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
70393	WL	4/19/2007	07040864	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
70393	WL	4/19/2007	07040864	7440-02-0	Nickel	N001	7.8	ug/L	U	F	7.8		valid
70393	WL	4/19/2007	07040864	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
70393	WL	4/19/2007	07040864	7440-22-4	Silver	N001	2.8	ug/L	U	F	2.8		valid
70393	WL	4/19/2007	07040864	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	4/19/2007	07040864	127-18-4	Tetrachloroethene	N001	2.4	ug/L		F	0.2		valid
70393	WL	4/19/2007	07040864	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	4/19/2007	07040864	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
70393	WL	4/19/2007	07040864	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70393	WL	4/19/2007	07040864	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
70393	WL	4/19/2007	07040864	79-01-6	Trichloroethene	N001	8.3	ug/L	F	0.16		valid	
70393	WL	4/19/2007	07040864	7440-61-1	Uranium	0001	16	ug/L	U	F	16		valid
70393	WL	4/19/2007	07040864	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
70393	WL	4/19/2007	07040864	7440-66-6	Zinc	0001	16	ug/L	B	F	4.5		U
70693	WL	4/26/2007	07050875	71-55-6	1,1,1-Trichloroethane	N001	1.8	ug/L		F	0.16		valid
70693	WL	4/26/2007	07050875	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
70693	WL	4/26/2007	07050875	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
70693	WL	4/26/2007	07050875	75-35-4	1,1-Dichloroethene	N001	1.9	ug/L		F	0.14		valid
70693	WL	4/26/2007	07050875	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
70693	WL	4/26/2007	07050875	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
70693	WL	4/26/2007	07050875	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
70693	WL	4/26/2007	07050875	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
70693	WL	4/26/2007	07050875	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
70693	WL	4/26/2007	07050875	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
70693	WL	4/26/2007	07050875	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70693	WL	4/26/2007	07050875	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
70693	WL	4/26/2007	07050875	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8		R
70693	WL	4/26/2007	07050875	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		R
70693	WL	4/26/2007	07050875	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
70693	WL	4/26/2007	07050875	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	4/26/2007	07050875	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
70693	WL	4/26/2007	07050875	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
70693	WL	4/26/2007	07050875	7440-43-9	Cadmium	0001	0.45	ug/L	U	F	0.45		valid
70693	WL	4/26/2007	07050875	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
70693	WL	4/26/2007	07050875	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	4/26/2007	07050875	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	4/26/2007	07050875	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
70693	WL	4/26/2007	07050875	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
70693	WL	4/26/2007	07050875	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70693	WL	4/26/2007	07050875	7440-50-8	Copper	0001	4.5	ug/L	U	F	4.5		valid
70693	WL	4/26/2007	07050875	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
70693	WL	4/26/2007	07050875	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
70693	WL	4/26/2007	07050875	M&P XYLENE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
70693	WL	4/26/2007	07050875	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
70693	WL	4/26/2007	07050875	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
70693	WL	4/26/2007	07050875	7440-02-0	Nickel	0001	7.8	ug/L	U	F	7.8		valid
70693	WL	4/26/2007	07050875	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
70693	WL	4/26/2007	07050875	7440-22-4	Silver	0001	2.8	ug/L	U	F	2.8		valid
70693	WL	4/26/2007	07050875	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	4/26/2007	07050875	127-18-4	Tetrachloroethene	N001	0.69	ug/L	J	F	0.2		valid
70693	WL	4/26/2007	07050875	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	4/26/2007	07050875	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
70693	WL	4/26/2007	07050875	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
70693	WL	4/26/2007	07050875	10061-02-6	trans-1,3-Dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
70693	WL	4/26/2007	07050875	79-01-6	Trichloroethene	N001	1.4	ug/L		F	0.16		valid
70693	WL	4/26/2007	07050875	7440-61-1	Uranium	0001	16	ug/L	U	F	16		valid
70693	WL	4/26/2007	07050875	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
70693	WL	4/26/2007	07050875	7440-66-6	Zinc	0001	6.7	ug/L	B	F	4.5		U
73005	WL	4/30/2007	07050875	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	4/30/2007	07050875	71-55-6	1,1,1-Trichloroethane	N002	0.16	ug/L	U	F	0.16		valid
73005	WL	4/30/2007	07050875	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
73005	WL	4/30/2007	07050875	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	F	0.2		valid
73005	WL	4/30/2007	07050875	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
73005	WL	4/30/2007	07050875	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
73005	WL	4/30/2007	07050875	75-35-4	1,1-Dichloroethene	N002	0.14	ug/L	U	F	0.14		valid
73005	WL	4/30/2007	07050875	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
73005	WL	4/30/2007	07050875	120-82-1	1,2,4-Trichlorobenzene	N002	0.32	ug/L	U	F	0.32		valid
73005	WL	4/30/2007	07050875	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
73005	WL	4/30/2007	07050875	96-12-8	1,2-Dibromo-3-chloropropane	N002	1.5	ug/L	U	F	1.5		valid
73005	WL	4/30/2007	07050875	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
73005	WL	4/30/2007	07050875	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	F	0.18		valid
73005	WL	4/30/2007	07050875	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
73005	WL	4/30/2007	07050875	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	F	0.13		valid
73005	WL	4/30/2007	07050875	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
73005	WL	4/30/2007	07050875	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	F	0.13		valid
73005	WL	4/30/2007	07050875	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
73005	WL	4/30/2007	07050875	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	F	0.13		valid
73005	WL	4/30/2007	07050875	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	4/30/2007	07050875	541-73-1	1,3-Dichlorobenzene	N002	0.16	ug/L	U	F	0.16		valid
73005	WL	4/30/2007	07050875	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	4/30/2007	07050875	106-46-7	1,4-Dichlorobenzene	N002	0.16	ug/L	U	F	0.16		valid
73005	WL	4/30/2007	07050875	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8	R	
73005	WL	4/30/2007	07050875	107-02-8	Acrolein	N002	2.8	ug/L	U	F	2.8	R	
73005	WL	4/30/2007	07050875	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4	R	
73005	WL	4/30/2007	07050875	107-13-1	Acrylonitrile	N002	1.4	ug/L	U	F	1.4	R	
73005	WL	4/30/2007	07050875	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16	valid	
73005	WL	4/30/2007	07050875	71-43-2	Benzene	N002	0.16	ug/L	U	F	0.16	valid	
73005	WL	4/30/2007	07050875	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17	valid	
73005	WL	4/30/2007	07050875	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	F	0.17	valid	
73005	WL	4/30/2007	07050875	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19	valid	
73005	WL	4/30/2007	07050875	75-25-2	Bromoform	N002	0.19	ug/L	U	F	0.19	valid	
73005	WL	4/30/2007	07050875	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21	valid	
73005	WL	4/30/2007	07050875	74-83-9	Bromomethane	N002	0.21	ug/L	U	F	0.21	valid	
73005	WL	4/30/2007	07050875	7440-43-9	Cadmium	N001	0.46	ug/L	B	F	0.45	valid	
73005	WL	4/30/2007	07050875	7440-43-9	Cadmium	N002	0.45	ug/L	U	F	0.45	valid	
73005	WL	4/30/2007	07050875	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19	valid	
73005	WL	4/30/2007	07050875	56-23-5	Carbon tetrachloride	N002	0.19	ug/L	U	F	0.19	valid	
73005	WL	4/30/2007	07050875	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17	valid	
73005	WL	4/30/2007	07050875	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	F	0.17	valid	
73005	WL	4/30/2007	07050875	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17	valid	
73005	WL	4/30/2007	07050875	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	F	0.17	valid	
73005	WL	4/30/2007	07050875	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16	valid	
73005	WL	4/30/2007	07050875	67-66-3	Chloroform	N002	0.16	ug/L	U	F	0.16	valid	
73005	WL	4/30/2007	07050875	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3	valid	
73005	WL	4/30/2007	07050875	74-87-3	Chloromethane	N002	0.3	ug/L	U	F	0.3	valid	
73005	WL	4/30/2007	07050875	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15	valid	
73005	WL	4/30/2007	07050875	156-59-2	cis-1,2-Dichloroethene	N002	0.15	ug/L	U	F	0.15	valid	
73005	WL	4/30/2007	07050875	7440-50-8	Copper	N001	4.5	ug/L	U	F	4.5	valid	
73005	WL	4/30/2007	07050875	7440-50-8	Copper	N002	4.5	ug/L	U	F	4.5	valid	
73005	WL	4/30/2007	07050875	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12	valid	
73005	WL	4/30/2007	07050875	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	F	0.12	valid	
73005	WL	4/30/2007	07050875	7439-92-1	Lead	N001	2.6	ug/L	U	F	2.6	valid	
73005	WL	4/30/2007	07050875	7439-92-1	Lead	N002	2.6	ug/L	U	F	2.6	valid	
73005	WL	4/30/2007	07050875	M&P XYLENE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34	valid	
73005	WL	4/30/2007	07050875	M&P XYLENE	m,p-Xylene	N002	0.34	ug/L	U	F	0.34	valid	
73005	WL	4/30/2007	07050875	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32	valid	
73005	WL	4/30/2007	07050875	75-09-2	Methylene chloride	N002	0.32	ug/L	U	F	0.32	valid	
73005	WL	4/30/2007	07050875	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22	valid	
73005	WL	4/30/2007	07050875	91-20-3	Naphthalene	N002	0.22	ug/L	U	F	0.22	valid	
73005	WL	4/30/2007	07050875	7440-02-0	Nickel	N001	7.8	ug/L	U	F	7.8	valid	
73005	WL	4/30/2007	07050875	7440-02-0	Nickel	N002	7.8	ug/L	U	F	7.8	valid	
73005	WL	4/30/2007	07050875	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19	valid	
73005	WL	4/30/2007	07050875	95-47-6	o-Xylene	N002	0.19	ug/L	U	F	0.19	valid	

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73005	WL	4/30/2007	07050875	7440-22-4	Silver	N001	2.8	ug/L	U	F	2.8		valid
73005	WL	4/30/2007	07050875	7440-22-4	Silver	N002	2.8	ug/L	U	F	2.8		valid
73005	WL	4/30/2007	07050875	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
73005	WL	4/30/2007	07050875	100-42-5	Styrene	N002	0.17	ug/L	U	F	0.17		valid
73005	WL	4/30/2007	07050875	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
73005	WL	4/30/2007	07050875	127-18-4	Tetrachloroethene	N002	0.2	ug/L	U	F	0.2		valid
73005	WL	4/30/2007	07050875	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
73005	WL	4/30/2007	07050875	108-88-3	Toluene	N002	0.17	ug/L	U	F	0.17		valid
73005	WL	4/30/2007	07050875	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	4/30/2007	07050875	100-41-4	Total Xylene	N002	0.16	ug/L	U	F	0.16		valid
73005	WL	4/30/2007	07050875	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
73005	WL	4/30/2007	07050875	156-60-5	trans-1,2-Dichloroethene	N002	0.15	ug/L	U	F	0.15		valid
73005	WL	4/30/2007	07050875	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
73005	WL	4/30/2007	07050875	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	F	0.19		valid
73005	WL	4/30/2007	07050875	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
73005	WL	4/30/2007	07050875	79-01-6	Trichloroethene	N002	0.16	ug/L	U	F	0.16		valid
73005	WL	4/30/2007	07050875	7440-61-1	Uranium	N001	17	ug/L	B	F	16		valid
73005	WL	4/30/2007	07050875	7440-61-1	Uranium	N002	19	ug/L	B	F	16		valid
73005	WL	4/30/2007	07050875	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
73005	WL	4/30/2007	07050875	75-01-4	Vinyl chloride	N002	0.17	ug/L	U	F	0.17		valid
73005	WL	4/30/2007	07050875	7440-66-6	Zinc	N001	8.9	ug/L	B	F	4.5	U	
73005	WL	4/30/2007	07050875	7440-66-6	Zinc	N002	9.4	ug/L	B	F	4.5	U	
73105	WL	4/19/2007	07040864	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	4/19/2007	07040864	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
73105	WL	4/19/2007	07040864	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
73105	WL	4/19/2007	07040864	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
73105	WL	4/19/2007	07040864	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
73105	WL	4/19/2007	07040864	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
73105	WL	4/19/2007	07040864	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
73105	WL	4/19/2007	07040864	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
73105	WL	4/19/2007	07040864	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
73105	WL	4/19/2007	07040864	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
73105	WL	4/19/2007	07040864	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	4/19/2007	07040864	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	4/19/2007	07040864	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8		valid
73105	WL	4/19/2007	07040864	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		valid
73105	WL	4/19/2007	07040864	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	4/19/2007	07040864	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
73105	WL	4/19/2007	07040864	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
73105	WL	4/19/2007	07040864	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
73105	WL	4/19/2007	07040864	7440-43-9	Cadmium	N001	0.45	ug/L	U	F	0.45		valid
73105	WL	4/19/2007	07040864	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
73105	WL	4/19/2007	07040864	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
73105	WL	4/19/2007	07040864	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
73105	WL	4/19/2007	07040864	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	4/19/2007	07040864	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
73105	WL	4/19/2007	07040864	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
73105	WL	4/19/2007	07040864	7440-50-8	Copper	N001	4.5	ug/L	U	F	4.5		valid
73105	WL	4/19/2007	07040864	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
73105	WL	4/19/2007	07040864	7439-92-1	Lead	N001	2.6	ug/L	U	F	2.6		valid
73105	WL	4/19/2007	07040864	M&P XYLINE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
73105	WL	4/19/2007	07040864	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
73105	WL	4/19/2007	07040864	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
73105	WL	4/19/2007	07040864	7440-02-0	Nickel	N001	7.8	ug/L	U	F	7.8		valid
73105	WL	4/19/2007	07040864	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
73105	WL	4/19/2007	07040864	7440-22-4	Silver	N001	2.8	ug/L	U	F	2.8		valid
73105	WL	4/19/2007	07040864	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
73105	WL	4/19/2007	07040864	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
73105	WL	4/19/2007	07040864	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
73105	WL	4/19/2007	07040864	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	4/19/2007	07040864	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
73105	WL	4/19/2007	07040864	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
73105	WL	4/19/2007	07040864	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
73105	WL	4/19/2007	07040864	7440-61-1	Uranium	0001	31	ug/L	B	F	16		valid
73105	WL	4/19/2007	07040864	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
73105	WL	4/19/2007	07040864	7440-66-6	Zinc	0001	15	ug/L	B	F	4.5	U	
73205	WL	4/20/2007	07040864	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
73205	WL	4/20/2007	07040864	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
73205	WL	4/20/2007	07040864	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
73205	WL	4/20/2007	07040864	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
73205	WL	4/20/2007	07040864	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
73205	WL	4/20/2007	07040864	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
73205	WL	4/20/2007	07040864	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
73205	WL	4/20/2007	07040864	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
73205	WL	4/20/2007	07040864	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
73205	WL	4/20/2007	07040864	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
73205	WL	4/20/2007	07040864	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
73205	WL	4/20/2007	07040864	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
73205	WL	4/20/2007	07040864	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8		valid
73205	WL	4/20/2007	07040864	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		valid
73205	WL	4/20/2007	07040864	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
73205	WL	4/20/2007	07040864	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
73205	WL	4/20/2007	07040864	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
73205	WL	4/20/2007	07040864	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
73205	WL	4/20/2007	07040864	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
73205	WL	4/20/2007	07040864	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
73205	WL	4/20/2007	07040864	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
73205	WL	4/20/2007	07040864	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
73205	WL	4/20/2007	07040864	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
73205	WL	4/20/2007	07040864	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
73205	WL	4/20/2007	07040864	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
73205	WL	4/20/2007	07040864	M&P XYLINE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
73205	WL	4/20/2007	07040864	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
73205	WL	4/20/2007	07040864	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
73205	WL	4/20/2007	07040864	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
73205	WL	4/20/2007	07040864	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
73205	WL	4/20/2007	07040864	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
73205	WL	4/20/2007	07040864	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
73205	WL	4/20/2007	07040864	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
73205	WL	4/20/2007	07040864	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
73205	WL	4/20/2007	07040864	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
73205	WL	4/20/2007	07040864	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
73205	WL	4/20/2007	07040864	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
73205	WL	5/1/2007	07050875	7440-43-9	Cadmium	0001	0.94	ug/L	B	F	0.45		valid
73205	WL	5/1/2007	07050875	7440-50-8	Copper	0001	6.3	ug/L	B	F	4.5		valid
73205	WL	5/1/2007	07050875	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
73205	WL	5/1/2007	07050875	7440-02-0	Nickel	0001	7.8	ug/L	U	F	7.8		valid
73205	WL	5/1/2007	07050875	7440-22-4	Silver	0001	2.8	ug/L	U	F	2.8		valid
73205	WL	5/1/2007	07050875	7440-61-1	Uranium	0001	120	ug/L		F	16		valid
73205	WL	5/1/2007	07050875	7440-66-6	Zinc	0001	14	ug/L	B	F	4.5	U	
80005	WL	6/4/2007	07060935	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
80005	WL	6/4/2007	07060935	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
80005	WL	6/4/2007	07060935	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
80005	WL	6/4/2007	07060935	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid

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80005	WL	6/4/2007	07060935	95-94-3	1,2,4,5-Tetrachlorobenzene	N001	2	ug/L	U	F	2		valid
80005	WL	6/4/2007	07060935	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
80005	WL	6/4/2007	07060935	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
80005	WL	6/4/2007	07060935	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
80005	WL	6/4/2007	07060935	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
80005	WL	6/4/2007	07060935	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
80005	WL	6/4/2007	07060935	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
80005	WL	6/4/2007	07060935	122-66-7	1,2-Diphenylhydrazine	N001	0.64	ug/L	U	F	0.64		valid
80005	WL	6/4/2007	07060935	541-73-1	1,3-Dichlorobenzene	N001	0.2	ug/L	J	F	0.16		valid
80005	WL	6/4/2007	07060935	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
80005	WL	6/4/2007	07060935	105-67-9	2, 4-Dimethylphenol	N001	0.57	ug/L	U	F	0.57		valid
80005	WL	6/4/2007	07060935	95-95-4	2,4,5-Trichlorophenol	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	88-06-2	2,4,6-Trichlorophenol	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	120-83-2	2,4-Dichlorophenol	N001	1.3	ug/L	U	F	1.3		valid
80005	WL	6/4/2007	07060935	51-28-5	2,4-Dinitrophenol	N001	20	ug/L	U	F	20		valid
80005	WL	6/4/2007	07060935	121-14-2	2,4-Dinitrotoluene	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	606-20-2	2,6-Dinitrotoluene	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	91-58-7	2-Chloronaphthalene	N001	1.7	ug/L	U	F	1.7		valid
80005	WL	6/4/2007	07060935	95-57-8	2-Chlorophenol	N001	0.38	ug/L	U	F	0.38		valid
80005	WL	6/4/2007	07060935	91-94-1	3,3'-Dichlorobenzidine	N001	2	ug/L	U	F	2		valid
80005	WL	6/4/2007	07060935	534-52-1	4,6-Dinitro-2-methyl phenol	N001	20	ug/L	U	F	20		valid
80005	WL	6/4/2007	07060935	59-50-7	4-Chloro-3-methylphenol	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	100-02-7	4-Nitrophenol	N001	1.7	ug/L	U	F	1.7		valid
80005	WL	6/4/2007	07060935	83-32-9	Acenaphthene	N001	1.7	ug/L	U	F	1.7		valid
80005	WL	6/4/2007	07060935	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8		valid
80005	WL	6/4/2007	07060935	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		valid
80005	WL	6/4/2007	07060935	120-12-7	Anthracene	N001	1.9	ug/L	U	F	1.9		valid
80005	WL	6/4/2007	07060935	56-55-3	Benz(a)anthracene	N001	1.7	ug/L	U	F	1.7		valid
80005	WL	6/4/2007	07060935	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
80005	WL	6/4/2007	07060935	92-87-5	Benzidine	N001	50	ug/L	U	F	50		valid
80005	WL	6/4/2007	07060935	50-32-8	Benzo(a)pyrene	N001	1.3	ug/L	U	F	1.3		valid
80005	WL	6/4/2007	07060935	205-99-2	Benzo(b)fluoranthene	N001	0.39	ug/L	U	F	0.39		valid
80005	WL	6/4/2007	07060935	191-24-2	Benzo(g,h,i)Perylene	N001	1	ug/L	U	F	1		valid
80005	WL	6/4/2007	07060935	207-08-9	Benzo(k)fluoranthene	N001	0.46	ug/L	U	F	0.46		valid
80005	WL	6/4/2007	07060935	111-44-4	Bis(2-chloroethyl) ether	N001	3.9	ug/L	U	F	3.9		valid
80005	WL	6/4/2007	07060935	108-60-1	Bis(2-chloroisopropyl) ether	N001	0.43	ug/L	U	F	0.43		valid
80005	WL	6/4/2007	07060935	117-81-7	Bis(2-ethylhexyl) phthalate	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
80005	WL	6/4/2007	07060935	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
80005	WL	6/4/2007	07060935	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
80005	WL	6/4/2007	07060935	85-68-7	Butyl benzyl phthalate	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	7440-43-9	Cadmium	N001	0.45	ug/L	U	F	0.45		valid
80005	WL	6/4/2007	07060935	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
80005	WL	6/4/2007	07060935	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
80005	WL	6/4/2007	07060935	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
80005	WL	6/4/2007	07060935	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
80005	WL	6/4/2007	07060935	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
80005	WL	6/4/2007	07060935	218-01-9	Chrysene	N001	1	ug/L	U	F	1		valid
80005	WL	6/4/2007	07060935	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
80005	WL	6/4/2007	07060935	7440-50-8	Copper	N001	4.5	ug/L	U	F	4.5		valid
80005	WL	6/4/2007	07060935	53-70-3	Dibenz(a,h)anthracene	N001	1.4	ug/L	U	F	1.4		valid
80005	WL	6/4/2007	07060935	84-66-2	Diethyl phthalate	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	131-11-3	Dimethyl phthalate	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	84-74-2	Di-n-butyl phthalate	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	206-44-0	Fluoranthene	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	86-73-7	Fluorene	N001	1	ug/L	U	F	1		valid
80005	WL	6/4/2007	07060935	118-74-1	Hexachlorobenzene	N001	2.1	ug/L	U	F	2.1		valid

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80005	WL	6/4/2007	07060935	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
80005	WL	6/4/2007	07060935	77-47-4	Hexachlorocyclopentadiene	N001	1.5	ug/L	U	F	1.5		valid
80005	WL	6/4/2007	07060935	67-72-1	Hexachloroethane	N001	0.46	ug/L	U	F	0.46		valid
80005	WL	6/4/2007	07060935	193-39-5	Indeno(1,2,3-cd)pyrene	N001	1.5	ug/L	U	F	1.5		valid
80005	WL	6/4/2007	07060935	78-59-1	Isophorone	N001	1.5	ug/L	U	F	1.5		valid
80005	WL	6/4/2007	07060935	7439-92-1	Lead	N001	2.6	ug/L	U	F	2.6		valid
80005	WL	6/4/2007	07060935	M&P XYLENE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
80005	WL	6/4/2007	07060935	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
80005	WL	6/4/2007	07060935	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
80005	WL	6/4/2007	07060935	7440-02-0	Nickel	N001	7.8	ug/L	U	F	7.8		valid
80005	WL	6/4/2007	07060935	98-95-3	Nitrobenzene	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	924-16-3	N-Nitrosodibutylamine	N001	2	ug/L	U	F	2		valid
80005	WL	6/4/2007	07060935	55-18-5	N-Nitrosodiethylamine	N001	1.1	ug/L	U	F	1.1		valid
80005	WL	6/4/2007	07060935	62-75-9	N-Nitrosodimethylamine	N001	1.6	ug/L	U	F	1.6		valid
80005	WL	6/4/2007	07060935	621-64-7	N-Nitrosodi-n-propylamine	N001	5	ug/L	U	F	5		valid
80005	WL	6/4/2007	07060935	86-30-6	N-Nitrosodiphenylamine	N001	0.44	ug/L	U	F	0.44		valid
80005	WL	6/4/2007	07060935	930-55-2	N-Nitrosopyrrolidine	N001	0.8	ug/L	U	F	0.8		valid
80005	WL	6/4/2007	07060935	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
80005	WL	6/4/2007	07060935	56-38-2	Parathion, ethyl	N001	2	ug/L	U	F	2		valid
80005	WL	6/4/2007	07060935	608-93-5	Pentachlorobenzene	N001	2	ug/L	U	F	2		valid
80005	WL	6/4/2007	07060935	87-86-5	Pentachlorophenol	N001	20	ug/L	U	F	20		valid
80005	WL	6/4/2007	07060935	108-95-2	Phenol	N001	1.4	ug/L	U	F	1.4		valid
80005	WL	6/4/2007	07060935	129-00-0	Pyrene	N001	0.37	ug/L	U	F	0.37		valid
80005	WL	6/4/2007	07060935	7440-22-4	Silver	N001	2.8	ug/L	U	F	2.8		valid
80005	WL	6/4/2007	07060935	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
80005	WL	6/4/2007	07060935	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
80005	WL	6/4/2007	07060935	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
80005	WL	6/4/2007	07060935	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
80005	WL	6/4/2007	07060935	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
80005	WL	6/4/2007	07060935	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
80005	WL	6/4/2007	07060935	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
80005	WL	6/4/2007	07060935	7440-61-1	Uranium	N001	16	ug/L	U	F	16		valid
80005	WL	6/4/2007	07060935	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
80005	WL	6/4/2007	07060935	7440-66-6	Zinc	N001	5.2	ug/L	B	F	4.5		U
80105	WL	6/5/2007	07060935	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	6/5/2007	07060935	71-55-6	1,1,1-Trichloroethane	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	6/5/2007	07060935	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
80105	WL	6/5/2007	07060935	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	D	0.2		valid
80105	WL	6/5/2007	07060935	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
80105	WL	6/5/2007	07060935	79-00-5	1,1,2-Trichloroethane	N002	0.32	ug/L	U	D	0.32		valid
80105	WL	6/5/2007	07060935	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
80105	WL	6/5/2007	07060935	75-35-4	1,1-Dichloroethene	N002	0.14	ug/L	U	D	0.14		valid
80105	WL	6/5/2007	07060935	95-94-3	1,2,4,5-Tetrachlorobenzene	N001	2	ug/L	U	F	2		valid
80105	WL	6/5/2007	07060935	95-94-3	1,2,4,5-Tetrachlorobenzene	N002	2	ug/L	U	D	2		valid
80105	WL	6/5/2007	07060935	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
80105	WL	6/5/2007	07060935	120-82-1	1,2,4-Trichlorobenzene	N002	0.32	ug/L	U	D	0.320		valid
80105	WL	6/5/2007	07060935	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
80105	WL	6/5/2007	07060935	96-12-8	1,2-Dibromo-3-chloropropane	N002	1.5	ug/L	U	D	1.5		valid
80105	WL	6/5/2007	07060935	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
80105	WL	6/5/2007	07060935	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	D	0.18		valid
80105	WL	6/5/2007	07060935	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
80105	WL	6/5/2007	07060935	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	D	0.13		valid
80105	WL	6/5/2007	07060935	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
80105	WL	6/5/2007	07060935	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	D	0.13		valid
80105	WL	6/5/2007	07060935	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
80105	WL	6/5/2007	07060935	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	D	0.13		valid
80105	WL	6/5/2007	07060935	122-66-7	1,2-Diphenylhydrazine	N001	0.64	ug/L	U	F	0.64		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
80105	WL	6/5/2007	07060935	122-66-7	1,2-Diphenylhydrazine	N002	0.64	ug/L	U	D	0.64		valid
80105	WL	6/5/2007	07060935	541-73-1	1,3-Dichlorobenzene	N001	0.22	ug/L	J	F	0.160		valid
80105	WL	6/5/2007	07060935	541-73-1	1,3-Dichlorobenzene	N002	0.24	ug/L	J	D	0.16		valid
80105	WL	6/5/2007	07060935	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	6/5/2007	07060935	106-46-7	1,4-Dichlorobenzene	N002	0.16	ug/L	U	D	0.160		valid
80105	WL	6/5/2007	07060935	105-67-9	2, 4-Dimethylphenol	N001	0.57	ug/L	U	F	0.57		valid
80105	WL	6/5/2007	07060935	105-67-9	2, 4-Dimethylphenol	N002	0.57	ug/L	U	D	0.570		valid
80105	WL	6/5/2007	07060935	95-95-4	2,4,5-Trichlorophenol	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	95-95-4	2,4,5-Trichlorophenol	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	88-06-2	2,4,6-Trichlorophenol	N001	5	ug/L	U	F	5.000		valid
80105	WL	6/5/2007	07060935	88-06-2	2,4,6-Trichlorophenol	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	120-83-2	2,4-Dichlorophenol	N001	1.3	ug/L	U	F	1.3		valid
80105	WL	6/5/2007	07060935	120-83-2	2,4-Dichlorophenol	N002	1.3	ug/L	U	D	1.300		valid
80105	WL	6/5/2007	07060935	51-28-5	2,4-Dinitrophenol	N001	20	ug/L	U	F	20.000		valid
80105	WL	6/5/2007	07060935	51-28-5	2,4-Dinitrophenol	N002	20	ug/L	U	D	20		valid
80105	WL	6/5/2007	07060935	121-14-2	2,4-Dinitrotoluene	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	121-14-2	2,4-Dinitrotoluene	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	606-20-2	2,6-Dinitrotoluene	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	606-20-2	2,6-Dinitrotoluene	N002	5	ug/L	U	D	5.000		valid
80105	WL	6/5/2007	07060935	91-58-7	2-Chloronaphthalene	N001	1.7	ug/L	U	F	1.7		valid
80105	WL	6/5/2007	07060935	91-58-7	2-Chloronaphthalene	N002	1.7	ug/L	U	D	1.7		valid
80105	WL	6/5/2007	07060935	95-57-8	2-Chlorophenol	N001	0.38	ug/L	U	F	0.38		valid
80105	WL	6/5/2007	07060935	95-57-8	2-Chlorophenol	N002	0.38	ug/L	U	D	0.38		valid
80105	WL	6/5/2007	07060935	91-94-1	3,3'-Dichlorobenzidine	N001	2	ug/L	U	F	2		valid
80105	WL	6/5/2007	07060935	91-94-1	3,3'-Dichlorobenzidine	N002	2	ug/L	U	D	2		valid
80105	WL	6/5/2007	07060935	534-52-1	4,6-Dinitro-2-methyl phenol	N001	20	ug/L	U	F	20		valid
80105	WL	6/5/2007	07060935	534-52-1	4,6-Dinitro-2-methyl phenol	N002	20	ug/L	U	D	20		valid
80105	WL	6/5/2007	07060935	59-50-7	4-Chloro-3-methylphenol	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	59-50-7	4-Chloro-3-methylphenol	N002	5	ug/L	U	D	5.000		valid
80105	WL	6/5/2007	07060935	100-02-7	4-Nitrophenol	N001	1.7	ug/L	U	F	1.7		valid
80105	WL	6/5/2007	07060935	100-02-7	4-Nitrophenol	N002	1.7	ug/L	U	D	1.7		valid
80105	WL	6/5/2007	07060935	83-32-9	Acenaphthene	N001	1.7	ug/L	U	F	1.700		valid
80105	WL	6/5/2007	07060935	83-32-9	Acenaphthene	N002	1.7	ug/L	U	D	1.7		valid
80105	WL	6/5/2007	07060935	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.800		valid
80105	WL	6/5/2007	07060935	107-02-8	Acrolein	N002	2.8	ug/L	U	D	2.8		valid
80105	WL	6/5/2007	07060935	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		valid
80105	WL	6/5/2007	07060935	107-13-1	Acrylonitrile	N002	1.4	ug/L	U	D	1.4		valid
80105	WL	6/5/2007	07060935	120-12-7	Anthracene	N001	1.9	ug/L	U	F	1.9		valid
80105	WL	6/5/2007	07060935	120-12-7	Anthracene	N002	1.9	ug/L	U	D	1.9		valid
80105	WL	6/5/2007	07060935	56-55-3	Benz(a)anthracene	N001	1.7	ug/L	U	F	1.7		valid
80105	WL	6/5/2007	07060935	56-55-3	Benz(a)anthracene	N002	1.7	ug/L	U	D	1.7		valid
80105	WL	6/5/2007	07060935	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	6/5/2007	07060935	71-43-2	Benzene	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	6/5/2007	07060935	92-87-5	Benzidine	N001	50	ug/L	U	F	50		valid
80105	WL	6/5/2007	07060935	92-87-5	Benzidine	N002	50	ug/L	U	D	50		valid
80105	WL	6/5/2007	07060935	50-32-8	Benzo(a)pyrene	N001	1.3	ug/L	U	F	1.3		valid
80105	WL	6/5/2007	07060935	50-32-8	Benzo(a)pyrene	N002	1.3	ug/L	U	D	1.3		valid
80105	WL	6/5/2007	07060935	205-99-2	Benzo(b)fluoranthene	N001	0.39	ug/L	U	F	0.39		valid
80105	WL	6/5/2007	07060935	205-99-2	Benzo(b)fluoranthene	N002	0.39	ug/L	U	D	0.39		valid
80105	WL	6/5/2007	07060935	191-24-2	Benzo(g,h,i)Perylene	N001	1	ug/L	U	F	1		valid
80105	WL	6/5/2007	07060935	191-24-2	Benzo(g,h,i)Perylene	N002	1	ug/L	U	D	1		valid
80105	WL	6/5/2007	07060935	207-08-9	Benzo(k)fluoranthene	N001	0.46	ug/L	U	F	0.46		valid
80105	WL	6/5/2007	07060935	207-08-9	Benzo(k)fluoranthene	N002	0.46	ug/L	U	D	0.46		valid
80105	WL	6/5/2007	07060935	111-44-4	Bis(2-chloroethyl) ether	N001	3.9	ug/L	U	F	3.9		valid
80105	WL	6/5/2007	07060935	111-44-4	Bis(2-chloroethyl) ether	N002	3.9	ug/L	U	D	3.9		valid
80105	WL	6/5/2007	07060935	108-60-1	Bis(2-chloroisopropyl) ether	N001	0.43	ug/L	U	F	0.43		valid
80105	WL	6/5/2007	07060935	108-60-1	Bis(2-chloroisopropyl) ether	N002	0.43	ug/L	U	D	0.43		valid

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80105	WL	6/5/2007	07060935	117-81-7	Bis(2-ethylhexyl) phthalate	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	117-81-7	Bis(2-ethylhexyl) phthalate	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	6/5/2007	07060935	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	6/5/2007	07060935	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
80105	WL	6/5/2007	07060935	75-25-2	Bromoform	N002	0.19	ug/L	U	D	0.19		valid
80105	WL	6/5/2007	07060935	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
80105	WL	6/5/2007	07060935	74-83-9	Bromomethane	N002	0.21	ug/L	U	D	0.21		valid
80105	WL	6/5/2007	07060935	85-68-7	Butyl benzyl phthalate	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	85-68-7	Butyl benzyl phthalate	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	7440-43-9	Cadmium	0001	0.45	ug/L	U	F	0.45		valid
80105	WL	6/5/2007	07060935	7440-43-9	Cadmium	0002	0.51	ug/L	B	D	0.45		valid
80105	WL	6/5/2007	07060935	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
80105	WL	6/5/2007	07060935	56-23-5	Carbon tetrachloride	N002	0.19	ug/L	U	D	0.19		valid
80105	WL	6/5/2007	07060935	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	6/5/2007	07060935	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	6/5/2007	07060935	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	6/5/2007	07060935	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	6/5/2007	07060935	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	6/5/2007	07060935	67-66-3	Chloroform	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	6/5/2007	07060935	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
80105	WL	6/5/2007	07060935	74-87-3	Chloromethane	N002	0.3	ug/L	U	D	0.3		valid
80105	WL	6/5/2007	07060935	218-01-9	Chrysene	N001	1	ug/L	U	F	1		valid
80105	WL	6/5/2007	07060935	218-01-9	Chrysene	N002	1	ug/L	U	D	1		valid
80105	WL	6/5/2007	07060935	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
80105	WL	6/5/2007	07060935	156-59-2	cis-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15		valid
80105	WL	6/5/2007	07060935	7440-50-8	Copper	0001	4.5	ug/L	U	F	4.5		valid
80105	WL	6/5/2007	07060935	7440-50-8	Copper	0002	4.5	ug/L	U	D	4.5		valid
80105	WL	6/5/2007	07060935	53-70-3	Dibenz(a,h)anthracene	N001	1.4	ug/L	U	F	1.4		valid
80105	WL	6/5/2007	07060935	53-70-3	Dibenz(a,h)anthracene	N002	1.4	ug/L	U	D	1.4		valid
80105	WL	6/5/2007	07060935	84-66-2	Diethyl phthalate	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	84-66-2	Diethyl phthalate	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	131-11-3	Dimethyl phthalate	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	131-11-3	Dimethyl phthalate	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	84-74-2	Di-n-butyl phthalate	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	84-74-2	Di-n-butyl phthalate	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	206-44-0	Fluoranthene	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	206-44-0	Fluoranthene	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	86-73-7	Fluorene	N001	1	ug/L	U	F	1		valid
80105	WL	6/5/2007	07060935	86-73-7	Fluorene	N002	1	ug/L	U	D	1		valid
80105	WL	6/5/2007	07060935	118-74-1	Hexachlorobenzene	N001	2.1	ug/L	U	F	2.1		valid
80105	WL	6/5/2007	07060935	118-74-1	Hexachlorobenzene	N002	2.1	ug/L	U	D	2.1		valid
80105	WL	6/5/2007	07060935	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
80105	WL	6/5/2007	07060935	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	D	0.12		valid
80105	WL	6/5/2007	07060935	77-47-4	Hexachlorocyclopentadiene	N001	1.5	ug/L	U	F	1.5		valid
80105	WL	6/5/2007	07060935	77-47-4	Hexachlorocyclopentadiene	N002	1.5	ug/L	U	D	1.5		valid
80105	WL	6/5/2007	07060935	67-72-1	Hexachloroethane	N001	0.46	ug/L	U	F	0.46		valid
80105	WL	6/5/2007	07060935	67-72-1	Hexachloroethane	N002	0.46	ug/L	U	D	0.46		valid
80105	WL	6/5/2007	07060935	193-39-5	Indeno(1,2,3-cd)pyrene	N001	1.5	ug/L	U	F	1.5		valid
80105	WL	6/5/2007	07060935	193-39-5	Indeno(1,2,3-cd)pyrene	N002	1.5	ug/L	U	D	1.5		valid
80105	WL	6/5/2007	07060935	78-59-1	Isophorone	N001	1.5	ug/L	U	F	1.5		valid
80105	WL	6/5/2007	07060935	78-59-1	Isophorone	N002	1.5	ug/L	U	D	1.5		valid
80105	WL	6/5/2007	07060935	7439-92-1	Lead	0001	2.6	ug/L	U	F	2.6		valid
80105	WL	6/5/2007	07060935	7439-92-1	Lead	0002	2.6	ug/L	U	D	2.6		valid
80105	WL	6/5/2007	07060935	M&P XYLENE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
80105	WL	6/5/2007	07060935	M&P XYLENE	m,p-Xylene	N002	0.34	ug/L	U	D	0.34		valid
80105	WL	6/5/2007	07060935	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid

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80105	WL	6/5/2007	07060935	75-09-2	Methylene chloride	N002	0.32	ug/L	U	D	0.32		valid
80105	WL	6/5/2007	07060935	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
80105	WL	6/5/2007	07060935	91-20-3	Naphthalene	N002	0.22	ug/L	U	D	0.220		valid
80105	WL	6/5/2007	07060935	7440-02-0	Nickel	0001	7.8	ug/L	U	F	7.8		valid
80105	WL	6/5/2007	07060935	7440-02-0	Nickel	0002	7.8	ug/L	U	D	7.8		valid
80105	WL	6/5/2007	07060935	98-95-3	Nitrobenzene	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	98-95-3	Nitrobenzene	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	924-16-3	N-Nitrosodibutylamine	N001	2	ug/L	U	F	2		valid
80105	WL	6/5/2007	07060935	924-16-3	N-Nitrosodibutylamine	N002	2	ug/L	U	D	2		valid
80105	WL	6/5/2007	07060935	55-18-5	N-Nitrosodiethylamine	N001	1.1	ug/L	U	F	1.1		valid
80105	WL	6/5/2007	07060935	55-18-5	N-Nitrosodiethylamine	N002	1.1	ug/L	U	D	1.1		valid
80105	WL	6/5/2007	07060935	62-75-9	N-Nitrosodimethylamine	N001	1.6	ug/L	U	F	1.6		valid
80105	WL	6/5/2007	07060935	62-75-9	N-Nitrosodimethylamine	N002	1.6	ug/L	U	D	1.6		valid
80105	WL	6/5/2007	07060935	621-64-7	N-Nitrosodi-n-propylamine	N001	5	ug/L	U	F	5		valid
80105	WL	6/5/2007	07060935	621-64-7	N-Nitrosodi-n-propylamine	N002	5	ug/L	U	D	5		valid
80105	WL	6/5/2007	07060935	86-30-6	N-Nitrosodiphenylamine	N001	0.44	ug/L	U	F	0.44		valid
80105	WL	6/5/2007	07060935	86-30-6	N-Nitrosodiphenylamine	N002	0.44	ug/L	U	D	0.44		valid
80105	WL	6/5/2007	07060935	930-55-2	N-Nitrosopyrrolidine	N001	0.8	ug/L	U	F	0.8		valid
80105	WL	6/5/2007	07060935	930-55-2	N-Nitrosopyrrolidine	N002	0.8	ug/L	U	D	0.8		valid
80105	WL	6/5/2007	07060935	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
80105	WL	6/5/2007	07060935	95-47-6	o-Xylene	N002	0.19	ug/L	U	D	0.19		valid
80105	WL	6/5/2007	07060935	56-38-2	Parathion, ethyl	N001	2	ug/L	U	F	2		valid
80105	WL	6/5/2007	07060935	56-38-2	Parathion, ethyl	N002	2	ug/L	U	D	2		valid
80105	WL	6/5/2007	07060935	608-93-5	Pentachlorobenzene	N001	2	ug/L	U	F	2		valid
80105	WL	6/5/2007	07060935	608-93-5	Pentachlorobenzene	N002	2	ug/L	U	D	2		valid
80105	WL	6/5/2007	07060935	87-86-5	Pentachlorophenol	N001	20	ug/L	U	F	20		valid
80105	WL	6/5/2007	07060935	87-86-5	Pentachlorophenol	N002	20	ug/L	U	D	20		valid
80105	WL	6/5/2007	07060935	108-95-2	Phenol	N001	1.4	ug/L	U	F	1.4		valid
80105	WL	6/5/2007	07060935	108-95-2	Phenol	N002	1.4	ug/L	U	D	1.4		valid
80105	WL	6/5/2007	07060935	129-00-0	Pyrene	N001	0.37	ug/L	U	F	0.37		valid
80105	WL	6/5/2007	07060935	129-00-0	Pyrene	N002	0.37	ug/L	U	D	0.37		valid
80105	WL	6/5/2007	07060935	7440-22-4	Silver	0001	2.8	ug/L	U	F	2.8		valid
80105	WL	6/5/2007	07060935	7440-22-4	Silver	0002	2.8	ug/L	U	D	2.8		valid
80105	WL	6/5/2007	07060935	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	6/5/2007	07060935	100-42-5	Styrene	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	6/5/2007	07060935	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
80105	WL	6/5/2007	07060935	127-18-4	Tetrachloroethene	N002	0.2	ug/L	U	D	0.2		valid
80105	WL	6/5/2007	07060935	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	6/5/2007	07060935	108-88-3	Toluene	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	6/5/2007	07060935	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	6/5/2007	07060935	100-41-4	Total Xylene	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	6/5/2007	07060935	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
80105	WL	6/5/2007	07060935	156-60-5	trans-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15		valid
80105	WL	6/5/2007	07060935	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
80105	WL	6/5/2007	07060935	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	D	0.19		valid
80105	WL	6/5/2007	07060935	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
80105	WL	6/5/2007	07060935	79-01-6	Trichloroethene	N002	0.16	ug/L	U	D	0.16		valid
80105	WL	6/5/2007	07060935	7440-61-1	Uranium	0001	22	ug/L	B	F	16		valid
80105	WL	6/5/2007	07060935	7440-61-1	Uranium	0002	26	ug/L	B	D	16		valid
80105	WL	6/5/2007	07060935	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
80105	WL	6/5/2007	07060935	75-01-4	Vinyl chloride	N002	0.17	ug/L	U	D	0.17		valid
80105	WL	6/5/2007	07060935	7440-66-6	Zinc	0001	4.5	ug/L	U	F	4.5		valid
80105	WL	6/5/2007	07060935	7440-66-6	Zinc	0002	5	ug/L	B	D	4.5	U	
80205	WL	6/6/2007	07060935	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	6/6/2007	07060935	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
80205	WL	6/6/2007	07060935	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
80205	WL	6/6/2007	07060935	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
80205	WL	6/6/2007	07060935	95-94-3	1,2,4,5-Tetrachlorobenzene	N001	2	ug/L	U	F	2		valid
80205	WL	6/6/2007	07060935	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
80205	WL	6/6/2007	07060935	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
80205	WL	6/6/2007	07060935	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
80205	WL	6/6/2007	07060935	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
80205	WL	6/6/2007	07060935	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
80205	WL	6/6/2007	07060935	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
80205	WL	6/6/2007	07060935	122-66-7	1,2-Diphenylhydrazine	N001	0.64	ug/L	U	F	0.64		valid
80205	WL	6/6/2007	07060935	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	6/6/2007	07060935	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	6/6/2007	07060935	105-67-9	2, 4-Dimethylphenol	N001	0.57	ug/L	U	F	0.57		valid
80205	WL	6/6/2007	07060935	95-95-4	2,4,5-Trichlorophenol	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	88-06-2	2,4,6-Trichlorophenol	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	120-83-2	2,4-Dichlorophenol	N001	1.3	ug/L	U	F	1.3		valid
80205	WL	6/6/2007	07060935	51-28-5	2,4-Dinitrophenol	N001	20	ug/L	U	F	20		valid
80205	WL	6/6/2007	07060935	121-14-2	2,4-Dinitrotoluene	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	606-20-2	2,6-Dinitrotoluene	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	91-58-7	2-Chloronaphthalene	N001	1.7	ug/L	U	F	1.7		valid
80205	WL	6/6/2007	07060935	95-57-8	2-Chlorophenol	N001	0.38	ug/L	U	F	0.38		valid
80205	WL	6/6/2007	07060935	91-94-1	3,3'-Dichlorobenzidine	N001	2	ug/L	U	F	2		valid
80205	WL	6/6/2007	07060935	534-52-1	4,6-Dinitro-2-methyl phenol	N001	20	ug/L	U	F	20		valid
80205	WL	6/6/2007	07060935	59-50-7	4-Chloro-3-methylphenol	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	100-02-7	4-Nitrophenol	N001	1.7	ug/L	U	F	1.7		valid
80205	WL	6/6/2007	07060935	83-32-9	Acenaphthene	N001	1.7	ug/L	U	F	1.7		valid
80205	WL	6/6/2007	07060935	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8		valid
80205	WL	6/6/2007	07060935	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		valid
80205	WL	6/6/2007	07060935	120-12-7	Anthracene	N001	1.9	ug/L	U	F	1.9		valid
80205	WL	6/6/2007	07060935	56-55-3	Benz(a)anthracene	N001	1.7	ug/L	U	F	1.7		valid
80205	WL	6/6/2007	07060935	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	6/6/2007	07060935	92-87-5	Benzidine	N001	50	ug/L	U	F	50		valid
80205	WL	6/6/2007	07060935	50-32-8	Benzo(a)pyrene	N001	1.3	ug/L	U	F	1.3		valid
80205	WL	6/6/2007	07060935	205-99-2	Benzo(b)fluoranthene	N001	0.39	ug/L	U	F	0.39		valid
80205	WL	6/6/2007	07060935	191-24-2	Benzo(g,h,i)Perylene	N001	1	ug/L	U	F	1		valid
80205	WL	6/6/2007	07060935	207-08-9	Benzo(k)fluoranthene	N001	0.46	ug/L	U	F	0.46		valid
80205	WL	6/6/2007	07060935	111-44-4	Bis(2-chloroethyl) ether	N001	3.9	ug/L	U	F	3.9		valid
80205	WL	6/6/2007	07060935	108-60-1	Bis(2-chloroisopropyl) ether	N001	0.43	ug/L	U	F	0.43		valid
80205	WL	6/6/2007	07060935	117-81-7	Bis(2-ethylhexyl) phthalate	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	6/6/2007	07060935	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
80205	WL	6/6/2007	07060935	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
80205	WL	6/6/2007	07060935	85-68-7	Butyl benzyl phthalate	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	7440-43-9	Cadmium	N001	0.73	ug/L	B	F	0.45		valid
80205	WL	6/6/2007	07060935	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
80205	WL	6/6/2007	07060935	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	6/6/2007	07060935	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	6/6/2007	07060935	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	6/6/2007	07060935	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
80205	WL	6/6/2007	07060935	218-01-9	Chrysene	N001	1	ug/L	U	F	1		valid
80205	WL	6/6/2007	07060935	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
80205	WL	6/6/2007	07060935	7440-50-8	Copper	N001	4.5	ug/L	U	F	4.5		valid
80205	WL	6/6/2007	07060935	53-70-3	Dibenz(a,h)anthracene	N001	1.4	ug/L	U	F	1.4		valid
80205	WL	6/6/2007	07060935	84-66-2	Diethyl phthalate	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	131-11-3	Dimethyl phthalate	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	84-74-2	Di-n-butyl phthalate	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	206-44-0	Fluoranthene	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	86-73-7	Fluorene	N001	1	ug/L	U	F	1		valid
80205	WL	6/6/2007	07060935	118-74-1	Hexachlorobenzene	N001	2.1	ug/L	U	F	2.1		valid

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80205	WL	6/6/2007	07060935	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
80205	WL	6/6/2007	07060935	77-47-4	Hexachlorocyclopentadiene	N001	1.5	ug/L	U	F	1.5		valid
80205	WL	6/6/2007	07060935	67-72-1	Hexachloroethane	N001	0.46	ug/L	U	F	0.46		valid
80205	WL	6/6/2007	07060935	193-39-5	Indeno(1,2,3-cd)pyrene	N001	1.5	ug/L	U	F	1.5		valid
80205	WL	6/6/2007	07060935	78-59-1	Isophorone	N001	1.5	ug/L	U	F	1.5		valid
80205	WL	6/6/2007	07060935	7439-92-1	Lead	N001	2.6	ug/L	U	F	2.6		valid
80205	WL	6/6/2007	07060935	M&P XYLENE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
80205	WL	6/6/2007	07060935	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
80205	WL	6/6/2007	07060935	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
80205	WL	6/6/2007	07060935	7440-02-0	Nickel	N001	7.8	ug/L	U	F	7.8		valid
80205	WL	6/6/2007	07060935	98-95-3	Nitrobenzene	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	924-16-3	N-Nitrosodibutylamine	N001	2	ug/L	U	F	2		valid
80205	WL	6/6/2007	07060935	55-18-5	N-Nitrosodiethylamine	N001	1.1	ug/L	U	F	1.1		valid
80205	WL	6/6/2007	07060935	62-75-9	N-Nitrosodimethylamine	N001	1.6	ug/L	U	F	1.6		valid
80205	WL	6/6/2007	07060935	621-64-7	N-Nitrosodi-n-propylamine	N001	5	ug/L	U	F	5		valid
80205	WL	6/6/2007	07060935	86-30-6	N-Nitrosodiphenylamine	N001	0.44	ug/L	U	F	0.44		valid
80205	WL	6/6/2007	07060935	930-55-2	N-Nitrosopyrrolidine	N001	0.8	ug/L	U	F	0.8		valid
80205	WL	6/6/2007	07060935	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
80205	WL	6/6/2007	07060935	56-38-2	Parathion, ethyl	N001	2	ug/L	U	F	2		valid
80205	WL	6/6/2007	07060935	608-93-5	Pentachlorobenzene	N001	2	ug/L	U	F	2		valid
80205	WL	6/6/2007	07060935	87-86-5	Pentachlorophenol	N001	20	ug/L	U	F	20		valid
80205	WL	6/6/2007	07060935	108-95-2	Phenol	N001	1.4	ug/L	U	F	1.4		valid
80205	WL	6/6/2007	07060935	129-00-0	Pyrene	N001	0.37	ug/L	U	F	0.37		valid
80205	WL	6/6/2007	07060935	7440-22-4	Silver	N001	2.8	ug/L	U	F	2.8		valid
80205	WL	6/6/2007	07060935	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	6/6/2007	07060935	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
80205	WL	6/6/2007	07060935	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	6/6/2007	07060935	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	6/6/2007	07060935	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.150		valid
80205	WL	6/6/2007	07060935	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.190		valid
80205	WL	6/6/2007	07060935	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
80205	WL	6/6/2007	07060935	7440-61-1	Uranium	N001	84	ug/L	U	F	16		valid
80205	WL	6/6/2007	07060935	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
80205	WL	6/6/2007	07060935	7440-66-6	Zinc	N001	6.6	ug/L	B	F	4.5		U
88104	WL	5/21/2007	07050908	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.160		valid
88104	WL	5/21/2007	07050908	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
88104	WL	5/21/2007	07050908	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
88104	WL	5/21/2007	07050908	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
88104	WL	5/21/2007	07050908	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
88104	WL	5/21/2007	07050908	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
88104	WL	5/21/2007	07050908	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
88104	WL	5/21/2007	07050908	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.130		valid
88104	WL	5/21/2007	07050908	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
88104	WL	5/21/2007	07050908	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
88104	WL	5/21/2007	07050908	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.160		valid
88104	WL	5/21/2007	07050908	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
88104	WL	5/21/2007	07050908	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
88104	WL	5/21/2007	07050908	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
88104	WL	5/21/2007	07050908	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
88104	WL	5/21/2007	07050908	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
88104	WL	5/21/2007	07050908	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
88104	WL	5/21/2007	07050908	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
88104	WL	5/21/2007	07050908	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
88104	WL	5/21/2007	07050908	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
88104	WL	5/21/2007	07050908	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
88104	WL	5/21/2007	07050908	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
88104	WL	5/21/2007	07050908	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.120		valid

Appendix A

Analytical Results for Water Samples - Second Quarter of CY 2007

LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
88104	WL	5/21/2007	07050908	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
88104	WL	5/21/2007	07050908	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
88104	WL	5/21/2007	07050908	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
88104	WL	5/21/2007	07050908	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.200		valid
88104	WL	5/21/2007	07050908	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
88104	WL	5/21/2007	07050908	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
88104	WL	5/21/2007	07050908	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.190		valid
88104	WL	5/21/2007	07050908	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
88104	WL	5/21/2007	07050908	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
88104	WL	5/21/2007	07050908	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
88104	WL	5/21/2007	07050908	7440-61-1	Uranium	N001	44	ug/L	U	F	0.1		valid
88104	WL	5/21/2007	07050908	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
89104	WL	6/23/2007	07060977	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
89104	WL	6/23/2007	07060977	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
89104	WL	6/23/2007	07060977	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
89104	WL	6/23/2007	07060977	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
89104	WL	6/23/2007	07060977	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
89104	WL	6/23/2007	07060977	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
89104	WL	6/23/2007	07060977	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
89104	WL	6/23/2007	07060977	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
89104	WL	6/23/2007	07060977	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
89104	WL	6/23/2007	07060977	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
89104	WL	6/23/2007	07060977	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
89104	WL	6/23/2007	07060977	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
89104	WL	6/23/2007	07060977	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
89104	WL	6/23/2007	07060977	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
89104	WL	6/23/2007	07060977	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
89104	WL	6/23/2007	07060977	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
89104	WL	6/23/2007	07060977	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
89104	WL	6/23/2007	07060977	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
89104	WL	6/23/2007	07060977	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
89104	WL	6/23/2007	07060977	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
89104	WL	6/23/2007	07060977	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
89104	WL	6/23/2007	07060977	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
89104	WL	6/23/2007	07060977	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
89104	WL	6/23/2007	07060977	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
89104	WL	6/23/2007	07060977	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
89104	WL	6/23/2007	07060977	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
89104	WL	6/23/2007	07060977	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
89104	WL	6/23/2007	07060977	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
89104	WL	6/23/2007	07060977	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
89104	WL	6/23/2007	07060977	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
89104	WL	6/23/2007	07060977	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
89104	WL	6/23/2007	07060977	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
89104	WL	6/23/2007	07060977	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
89104	WL	6/23/2007	07060977	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
90299	WL	4/18/2007	07040864	71-55-6	1,1,1-Trichloroethane	N002	0.16	ug/L	U	F	0.16		valid
90299	WL	4/18/2007	07040864	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
90299	WL	4/18/2007	07040864	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	F	0.2		valid
90299	WL	4/18/2007	07040864	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
90299	WL	4/18/2007	07040864	79-00-5	1,1,2-Trichloroethane	N002	0.32	ug/L	U	F	0.32		valid
90299	WL	4/18/2007	07040864	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
90299	WL	4/18/2007	07040864	75-35-4	1,1-Dichloroethene	N002	0.14	ug/L	U	F	0.14		valid
90299	WL	4/18/2007	07040864	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
90299	WL	4/18/2007	07040864	120-82-1	1,2,4-Trichlorobenzene	N002	0.32	ug/L	U	F	0.32		valid
90299	WL	4/18/2007	07040864	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
90299	WL	4/18/2007	07040864	96-12-8	1,2-Dibromo-3-chloropropane	N002	1.5	ug/L	U	F	1.5		valid
90299	WL	4/18/2007	07040864	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
90299	WL	4/18/2007	07040864	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	F	0.18		valid
90299	WL	4/18/2007	07040864	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
90299	WL	4/18/2007	07040864	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	F	0.13		valid
90299	WL	4/18/2007	07040864	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
90299	WL	4/18/2007	07040864	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	F	0.13		valid
90299	WL	4/18/2007	07040864	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
90299	WL	4/18/2007	07040864	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	F	0.13		valid
90299	WL	4/18/2007	07040864	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
90299	WL	4/18/2007	07040864	541-73-1	1,3-Dichlorobenzene	N002	0.16	ug/L	U	F	0.16		valid
90299	WL	4/18/2007	07040864	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
90299	WL	4/18/2007	07040864	106-46-7	1,4-Dichlorobenzene	N002	0.16	ug/L	U	F	0.16		valid
90299	WL	4/18/2007	07040864	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
90299	WL	4/18/2007	07040864	71-43-2	Benzene	N002	0.16	ug/L	U	F	0.16		valid
90299	WL	4/18/2007	07040864	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
90299	WL	4/18/2007	07040864	75-25-2	Bromoform	N002	0.19	ug/L	U	F	0.19		valid
90299	WL	4/18/2007	07040864	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
90299	WL	4/18/2007	07040864	74-83-9	Bromomethane	N002	0.21	ug/L	U	F	0.21		valid
90299	WL	4/18/2007	07040864	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
90299	WL	4/18/2007	07040864	56-23-5	Carbon tetrachloride	N002	0.48	ug/L	J	F	0.19		valid
90299	WL	4/18/2007	07040864	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	67-66-3	Chloroform	N001	0.53	ug/L	J	F	0.16		valid
90299	WL	4/18/2007	07040864	67-66-3	Chloroform	N002	1.6	ug/L	J	F	0.16		valid
90299	WL	4/18/2007	07040864	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
90299	WL	4/18/2007	07040864	74-87-3	Chloromethane	N002	0.3	ug/L	U	F	0.3		valid
90299	WL	4/18/2007	07040864	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
90299	WL	4/18/2007	07040864	156-59-2	cis-1,2-Dichloroethene	N002	0.15	ug/L	U	F	0.15		valid
90299	WL	4/18/2007	07040864	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
90299	WL	4/18/2007	07040864	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	F	0.12		valid
90299	WL	4/18/2007	07040864	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
90299	WL	4/18/2007	07040864	75-09-2	Methylene chloride	N002	0.32	ug/L	U	F	0.32		valid
90299	WL	4/18/2007	07040864	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
90299	WL	4/18/2007	07040864	91-20-3	Naphthalene	N002	0.22	ug/L	U	F	0.22		valid
90299	WL	4/18/2007	07040864	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	100-42-5	Styrene	N002	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
90299	WL	4/18/2007	07040864	127-18-4	Tetrachloroethene	N002	0.2	ug/L	U	F	0.2		valid
90299	WL	4/18/2007	07040864	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	108-88-3	Toluene	N002	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
90299	WL	4/18/2007	07040864	100-41-4	Total Xylene	N002	0.16	ug/L	U	F	0.16		valid
90299	WL	4/18/2007	07040864	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
90299	WL	4/18/2007	07040864	1330-20-7	Total Xylenes	N002	0.19	ug/L	U	F	0.19		valid
90299	WL	4/18/2007	07040864	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
90299	WL	4/18/2007	07040864	156-60-5	trans-1,2-Dichloroethene	N002	0.15	ug/L	U	F	0.15		valid
90299	WL	4/18/2007	07040864	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
90299	WL	4/18/2007	07040864	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	F	0.19		valid
90299	WL	4/18/2007	07040864	79-01-6	Trichloroethene	N001	0.32	ug/L	J	F	0.16		valid
90299	WL	4/18/2007	07040864	79-01-6	Trichloroethene	N002	0.93	ug/L	J	F	0.16		valid
90299	WL	4/18/2007	07040864	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
90299	WL	4/18/2007	07040864	75-01-4	Vinyl chloride	N002	0.17	ug/L	U	F	0.17		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
90399	WL	4/18/2007	07040864	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
90399	WL	4/18/2007	07040864	71-55-6	1,1,1-Trichloroethane	N002	0.16	ug/L	U	F	0.16		valid
90399	WL	4/18/2007	07040864	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
90399	WL	4/18/2007	07040864	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	F	0.2		valid
90399	WL	4/18/2007	07040864	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
90399	WL	4/18/2007	07040864	79-00-5	1,1,2-Trichloroethane	N002	0.32	ug/L	U	F	0.32		valid
90399	WL	4/18/2007	07040864	75-35-4	1,1-Dichloroethene	N001	0.74	ug/L	J	F	0.14		valid
90399	WL	4/18/2007	07040864	75-35-4	1,1-Dichloroethene	N002	0.71	ug/L	J	F	0.14		valid
90399	WL	4/18/2007	07040864	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
90399	WL	4/18/2007	07040864	120-82-1	1,2,4-Trichlorobenzene	N002	0.32	ug/L	U	F	0.32		valid
90399	WL	4/18/2007	07040864	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
90399	WL	4/18/2007	07040864	96-12-8	1,2-Dibromo-3-chloropropane	N002	1.5	ug/L	U	F	1.5		valid
90399	WL	4/18/2007	07040864	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
90399	WL	4/18/2007	07040864	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	F	0.18		valid
90399	WL	4/18/2007	07040864	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
90399	WL	4/18/2007	07040864	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	F	0.13		valid
90399	WL	4/18/2007	07040864	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
90399	WL	4/18/2007	07040864	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	F	0.13		valid
90399	WL	4/18/2007	07040864	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
90399	WL	4/18/2007	07040864	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	F	0.13		valid
90399	WL	4/18/2007	07040864	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
90399	WL	4/18/2007	07040864	541-73-1	1,3-Dichlorobenzene	N002	0.16	ug/L	U	F	0.16		valid
90399	WL	4/18/2007	07040864	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
90399	WL	4/18/2007	07040864	106-46-7	1,4-Dichlorobenzene	N002	0.16	ug/L	U	F	0.16		valid
90399	WL	4/18/2007	07040864	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
90399	WL	4/18/2007	07040864	71-43-2	Benzene	N002	0.16	ug/L	U	F	0.16		valid
90399	WL	4/18/2007	07040864	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
90399	WL	4/18/2007	07040864	75-25-2	Bromoform	N002	0.19	ug/L	U	F	0.19		valid
90399	WL	4/18/2007	07040864	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
90399	WL	4/18/2007	07040864	74-83-9	Bromomethane	N002	0.21	ug/L	U	F	0.21		valid
90399	WL	4/18/2007	07040864	56-23-5	Carbon tetrachloride	N001	150	ug/L		F	1.9		valid
90399	WL	4/18/2007	07040864	56-23-5	Carbon tetrachloride	N002	150	ug/L		F	1.9		valid
90399	WL	4/18/2007	07040864	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	67-66-3	Chloroform	N001	28	ug/L		F	0.16		valid
90399	WL	4/18/2007	07040864	67-66-3	Chloroform	N002	27	ug/L		F	0.16		valid
90399	WL	4/18/2007	07040864	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
90399	WL	4/18/2007	07040864	74-87-3	Chloromethane	N002	0.3	ug/L	U	F	0.3		valid
90399	WL	4/18/2007	07040864	156-59-2	cis-1,2-Dichloroethene	N001	2.5	ug/L		F	0.15		valid
90399	WL	4/18/2007	07040864	156-59-2	cis-1,2-Dichloroethene	N002	2.4	ug/L		F	0.15		valid
90399	WL	4/18/2007	07040864	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
90399	WL	4/18/2007	07040864	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	F	0.12		valid
90399	WL	4/18/2007	07040864	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
90399	WL	4/18/2007	07040864	75-09-2	Methylene chloride	N002	0.32	ug/L	U	F	0.32		valid
90399	WL	4/18/2007	07040864	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
90399	WL	4/18/2007	07040864	91-20-3	Naphthalene	N002	0.22	ug/L	U	F	0.22		valid
90399	WL	4/18/2007	07040864	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	100-42-5	Styrene	N002	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	127-18-4	Tetrachloroethene	N001	4.7	ug/L		F	0.2		valid
90399	WL	4/18/2007	07040864	127-18-4	Tetrachloroethene	N002	4.7	ug/L		F	0.2		valid
90399	WL	4/18/2007	07040864	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	108-88-3	Toluene	N002	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
90399	WL	4/18/2007	07040864	100-41-4	Total Xylene	N002	0.16	ug/L	U	F	0.16		valid
90399	WL	4/18/2007	07040864	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
90399	WL	4/18/2007	07040864	1330-20-7	Total Xylenes	N002	0.19	ug/L	U	F	0.19		valid
90399	WL	4/18/2007	07040864	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
90399	WL	4/18/2007	07040864	156-60-5	trans-1,2-Dichloroethene	N002	0.15	ug/L	U	F	0.15		valid
90399	WL	4/18/2007	07040864	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
90399	WL	4/18/2007	07040864	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	F	0.19		valid
90399	WL	4/18/2007	07040864	79-01-6	Trichloroethene	N001	210	ug/L		F	1.6		valid
90399	WL	4/18/2007	07040864	79-01-6	Trichloroethene	N002	210	ug/L		F	1.6		valid
90399	WL	4/18/2007	07040864	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
90399	WL	4/18/2007	07040864	75-01-4	Vinyl chloride	N002	0.17	ug/L	U	F	0.17		valid
91105	WL	5/15/2007	07050908	71-55-6	1,1,1-Trichloroethane	N001	4700	ug/L		F	64		valid
91105	WL	5/15/2007	07050908	79-34-5	1,1,2,2-Tetrachloroethane	N001	80	ug/L	U	F	80		valid
91105	WL	5/15/2007	07050908	79-00-5	1,1,2-Trichloroethane	N001	130	ug/L	U	F	130		valid
91105	WL	5/15/2007	07050908	75-35-4	1,1-Dichloroethene	N001	470	ug/L		F	56		valid
91105	WL	5/15/2007	07050908	120-82-1	1,2,4-Trichlorobenzene	N001	130	ug/L	U	F	130		valid
91105	WL	5/15/2007	07050908	96-12-8	1,2-Dibromo-3-chloropropane	N001	600	ug/L	U	F	600		valid
91105	WL	5/15/2007	07050908	106-93-4	1,2-Dibromoethane	N001	72	ug/L	U	F	72		valid
91105	WL	5/15/2007	07050908	95-50-1	1,2-Dichlorobenzene	N001	52	ug/L	U	F	52		valid
91105	WL	5/15/2007	07050908	107-06-2	1,2-Dichloroethane	N001	52	ug/L	U	F	52		valid
91105	WL	5/15/2007	07050908	78-87-5	1,2-Dichloropropane	N001	52	ug/L	U	F	52		valid
91105	WL	5/15/2007	07050908	541-73-1	1,3-Dichlorobenzene	N001	64	ug/L	U	F	64		valid
91105	WL	5/15/2007	07050908	106-46-7	1,4-Dichlorobenzene	N001	64	ug/L	U	F	64		valid
91105	WL	5/15/2007	07050908	71-43-2	Benzene	N001	64	ug/L	U	F	64		valid
91105	WL	5/15/2007	07050908	75-27-4	Bromodichloromethane	N001	68	ug/L	U	F	68		valid
91105	WL	5/15/2007	07050908	75-25-2	Bromoform	N001	76	ug/L	U	F	76		valid
91105	WL	5/15/2007	07050908	74-83-9	Bromomethane	N001	84	ug/L	U	F	84		valid
91105	WL	5/15/2007	07050908	56-23-5	Carbon tetrachloride	N001	76	ug/L	U	F	76		valid
91105	WL	5/15/2007	07050908	108-90-7	Chlorobenzene	N001	68	ug/L	U	F	68		valid
91105	WL	5/15/2007	07050908	124-48-1	Chlorodibromomethane	N001	68	ug/L	U	F	68		valid
91105	WL	5/15/2007	07050908	67-66-3	Chloroform	N001	620	ug/L		F	64		valid
91105	WL	5/15/2007	07050908	74-87-3	Chloromethane	N001	120	ug/L	U	F	120		valid
91105	WL	5/15/2007	07050908	156-59-2	cis-1,2-Dichloroethene	N001	32000	ug/L		F	300		valid
91105	WL	5/15/2007	07050908	87-68-3	Hexachlorobutadiene	N001	48	ug/L	U	F	48		valid
91105	WL	5/15/2007	07050908	75-09-2	Methylene chloride	N001	130	ug/L	U	F	130		valid
91105	WL	5/15/2007	07050908	91-20-3	Naphthalene	N001	88	ug/L	U	F	88		valid
91105	WL	5/15/2007	07050908	100-42-5	Styrene	N001	68	ug/L	U	F	68		valid
91105	WL	5/15/2007	07050908	127-18-4	Tetrachloroethene	N001	80	ug/L	U	F	80		valid
91105	WL	5/15/2007	07050908	108-88-3	Toluene	N001	68	ug/L	U	F	68		valid
91105	WL	5/15/2007	07050908	100-41-4	Total Xylene	N001	64	ug/L	U	F	64		valid
91105	WL	5/15/2007	07050908	1330-20-7	Total Xylenes	N001	76	ug/L	U	F	76		valid
91105	WL	5/15/2007	07050908	156-60-5	trans-1,2-Dichloroethene	N001	60	ug/L	U	F	60		valid
91105	WL	5/15/2007	07050908	10061-02-6	trans-1,3-dichloropropene	N001	76	ug/L	U	F	76		valid
91105	WL	5/15/2007	07050908	79-01-6	Trichloroethene	N001	64	ug/L	U	F	64		valid
91105	WL	5/15/2007	07050908	75-01-4	Vinyl chloride	N001	700	ug/L		F	68		valid
91203	WL	5/9/2007	07050893	71-55-6	1,1,1-Trichloroethane	N001	5.5	ug/L		F	0.16	J	
91203	WL	5/9/2007	07050893	71-55-6	1,1,1-Trichloroethane	N002	5.1	ug/L		D	0.16	J	
91203	WL	5/9/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2	J	
91203	WL	5/9/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	D	0.2	J	
91203	WL	5/9/2007	07050893	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32	J	
91203	WL	5/9/2007	07050893	79-00-5	1,1,2-Trichloroethane	N002	0.32	ug/L	U	D	0.32	J	
91203	WL	5/9/2007	07050893	75-35-4	1,1-Dichloroethene	N001	1.7	ug/L		F	0.14	J	
91203	WL	5/9/2007	07050893	75-35-4	1,1-Dichloroethene	N002	1.6	ug/L		D	0.14	J	
91203	WL	5/9/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32	J	
91203	WL	5/9/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N002	0.32	ug/L	U	D	0.32	J	
91203	WL	5/9/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5	J	
91203	WL	5/9/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N002	1.5	ug/L	U	D	1.5	J	

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91203	WL	5/9/2007	07050893	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18	J	
91203	WL	5/9/2007	07050893	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	D	0.18	J	
91203	WL	5/9/2007	07050893	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13	J	
91203	WL	5/9/2007	07050893	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	D	0.13	J	
91203	WL	5/9/2007	07050893	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13	J	
91203	WL	5/9/2007	07050893	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	D	0.13	J	
91203	WL	5/9/2007	07050893	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	J	
91203	WL	5/9/2007	07050893	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	D	0.13	J	
91203	WL	5/9/2007	07050893	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	J	
91203	WL	5/9/2007	07050893	541-73-1	1,3-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16	J	
91203	WL	5/9/2007	07050893	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	J	
91203	WL	5/9/2007	07050893	106-46-7	1,4-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16	J	
91203	WL	5/9/2007	07050893	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16	J	
91203	WL	5/9/2007	07050893	71-43-2	Benzene	N002	0.16	ug/L	U	D	0.16	J	
91203	WL	5/9/2007	07050893	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17	J	
91203	WL	5/9/2007	07050893	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	D	0.17	J	
91203	WL	5/9/2007	07050893	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19	J	
91203	WL	5/9/2007	07050893	75-25-2	Bromoform	N002	0.19	ug/L	U	D	0.19	J	
91203	WL	5/9/2007	07050893	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21	J	
91203	WL	5/9/2007	07050893	74-83-9	Bromomethane	N002	0.21	ug/L	U	D	0.21	J	
91203	WL	5/9/2007	07050893	56-23-5	Carbon tetrachloride	N001	160	ug/L		F	1.3	J	
91203	WL	5/9/2007	07050893	56-23-5	Carbon tetrachloride	N002	170	ug/L		D	0.76	J	
91203	WL	5/9/2007	07050893	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17	J	
91203	WL	5/9/2007	07050893	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	D	0.17	J	
91203	WL	5/9/2007	07050893	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17	J	
91203	WL	5/9/2007	07050893	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	D	0.17	J	
91203	WL	5/9/2007	07050893	67-66-3	Chloroform	N001	8.6	ug/L		F	0.16	J	
91203	WL	5/9/2007	07050893	67-66-3	Chloroform	N002	8.2	ug/L		D	0.16	J	
91203	WL	5/9/2007	07050893	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3	J	
91203	WL	5/9/2007	07050893	74-87-3	Chloromethane	N002	0.3	ug/L	U	D	0.3	J	
91203	WL	5/9/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N001	1.7	ug/L		F	0.15	J	
91203	WL	5/9/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N002	1.7	ug/L		D	0.15	J	
91203	WL	5/9/2007	07050893	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12	J	
91203	WL	5/9/2007	07050893	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	D	0.12	J	
91203	WL	5/9/2007	07050893	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32	J	
91203	WL	5/9/2007	07050893	75-09-2	Methylene chloride	N002	0.32	ug/L	U	D	0.32	J	
91203	WL	5/9/2007	07050893	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22	J	
91203	WL	5/9/2007	07050893	91-20-3	Naphthalene	N002	0.22	ug/L	U	D	0.22	J	
91203	WL	5/9/2007	07050893	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17	J	
91203	WL	5/9/2007	07050893	100-42-5	Styrene	N002	0.17	ug/L	U	D	0.17	J	
91203	WL	5/9/2007	07050893	127-18-4	Tetrachloroethene	N001	14	ug/L		F	0.2	J	
91203	WL	5/9/2007	07050893	127-18-4	Tetrachloroethene	N002	14	ug/L		D	0.2	J	
91203	WL	5/9/2007	07050893	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17	J	
91203	WL	5/9/2007	07050893	108-88-3	Toluene	N002	0.17	ug/L	U	D	0.17	J	
91203	WL	5/9/2007	07050893	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16	J	
91203	WL	5/9/2007	07050893	100-41-4	Total Xylene	N002	0.16	ug/L	U	D	0.16	J	
91203	WL	5/9/2007	07050893	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19	J	
91203	WL	5/9/2007	07050893	1330-20-7	Total Xylenes	N002	0.19	ug/L	U	D	0.19	J	
91203	WL	5/9/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15	J	
91203	WL	5/9/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15	J	
91203	WL	5/9/2007	07050893	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19	J	
91203	WL	5/9/2007	07050893	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	D	0.19	J	
91203	WL	5/9/2007	07050893	79-01-6	Trichloroethene	N001	8.4	ug/L		F	0.16	J	
91203	WL	5/9/2007	07050893	79-01-6	Trichloroethene	N002	7.6	ug/L		D	0.16	J	
91203	WL	5/9/2007	07050893	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17	J	
91203	WL	5/9/2007	07050893	75-01-4	Vinyl chloride	N002	0.17	ug/L	U	D	0.17	J	
91305	WL	5/10/2007	07050893	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16	J	

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91305	WL	5/10/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2	J	
91305	WL	5/10/2007	07050893	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32	J	
91305	WL	5/10/2007	07050893	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14	J	
91305	WL	5/10/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32	J	
91305	WL	5/10/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5	J	
91305	WL	5/10/2007	07050893	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18	J	
91305	WL	5/10/2007	07050893	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13	J	
91305	WL	5/10/2007	07050893	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13	J	
91305	WL	5/10/2007	07050893	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	J	
91305	WL	5/10/2007	07050893	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	J	
91305	WL	5/10/2007	07050893	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	J	
91305	WL	5/10/2007	07050893	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16	J	
91305	WL	5/10/2007	07050893	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17	J	
91305	WL	5/10/2007	07050893	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19	J	
91305	WL	5/10/2007	07050893	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21	J	
91305	WL	5/10/2007	07050893	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19	J	
91305	WL	5/10/2007	07050893	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17	J	
91305	WL	5/10/2007	07050893	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17	J	
91305	WL	5/10/2007	07050893	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16	J	
91305	WL	5/10/2007	07050893	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3	J	
91305	WL	5/10/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N001	9.6	ug/L	U	F	0.15	J	
91305	WL	5/10/2007	07050893	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12	J	
91305	WL	5/10/2007	07050893	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32	J	
91305	WL	5/10/2007	07050893	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22	J	
91305	WL	5/10/2007	07050893	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.019	mg/L	U	F	0.019	J	
91305	WL	5/10/2007	07050893	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17	J	
91305	WL	5/10/2007	07050893	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2	J	
91305	WL	5/10/2007	07050893	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17	J	
91305	WL	5/10/2007	07050893	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16	J	
91305	WL	5/10/2007	07050893	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19	J	
91305	WL	5/10/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15	J	
91305	WL	5/10/2007	07050893	10061-02-6	trans-1,3-Dichloropropene	N001	0.19	ug/L	U	F	0.19	J	
91305	WL	5/10/2007	07050893	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16	J	
91305	WL	5/10/2007	07050893	7440-61-1	Uranium	0001	47	ug/L		F	0.02	valid	
91305	WL	5/10/2007	07050893	75-01-4	Vinyl chloride	N001	0.49	ug/L	J	F	0.17	J	
95099	WL	5/24/2007	07050928	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16	valid	
95099	WL	5/24/2007	07050928	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2	valid	
95099	WL	5/24/2007	07050928	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32	valid	
95099	WL	5/24/2007	07050928	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14	valid	
95099	WL	5/24/2007	07050928	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32	valid	
95099	WL	5/24/2007	07050928	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5	valid	
95099	WL	5/24/2007	07050928	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18	valid	
95099	WL	5/24/2007	07050928	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13	valid	
95099	WL	5/24/2007	07050928	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13	valid	
95099	WL	5/24/2007	07050928	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	valid	
95099	WL	5/24/2007	07050928	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	valid	
95099	WL	5/24/2007	07050928	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	valid	
95099	WL	5/24/2007	07050928	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16	valid	
95099	WL	5/24/2007	07050928	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17	valid	
95099	WL	5/24/2007	07050928	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19	valid	
95099	WL	5/24/2007	07050928	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21	valid	
95099	WL	5/24/2007	07050928	56-23-5	Carbon tetrachloride	N001	0.23	ug/L	J	F	0.19	valid	
95099	WL	5/24/2007	07050928	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17	valid	
95099	WL	5/24/2007	07050928	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17	valid	
95099	WL	5/24/2007	07050928	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16	valid	
95099	WL	5/24/2007	07050928	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3	valid	
95099	WL	5/24/2007	07050928	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15	valid	

Appendix A

Analytical Results for Water Samples - Second Quarter of CY 2007

LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
95099	WL	5/24/2007	07050928	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
95099	WL	5/24/2007	07050928	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
95099	WL	5/24/2007	07050928	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
95099	WL	5/24/2007	07050928	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
95099	WL	5/24/2007	07050928	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
95099	WL	5/24/2007	07050928	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
95099	WL	5/24/2007	07050928	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
95099	WL	5/24/2007	07050928	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
95099	WL	5/24/2007	07050928	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
95099	WL	5/24/2007	07050928	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
95099	WL	5/24/2007	07050928	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
95099	WL	5/24/2007	07050928	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
95199	WL	5/29/2007	07050928	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
95199	WL	5/29/2007	07050928	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
95199	WL	5/29/2007	07050928	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
95199	WL	5/29/2007	07050928	75-35-4	1,1-Dichloroethene	N001	0.86	ug/L	J	F	0.14		valid
95199	WL	5/29/2007	07050928	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
95199	WL	5/29/2007	07050928	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
95199	WL	5/29/2007	07050928	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
95199	WL	5/29/2007	07050928	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
95199	WL	5/29/2007	07050928	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
95199	WL	5/29/2007	07050928	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
95199	WL	5/29/2007	07050928	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
95199	WL	5/29/2007	07050928	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
95199	WL	5/29/2007	07050928	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
95199	WL	5/29/2007	07050928	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
95199	WL	5/29/2007	07050928	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
95199	WL	5/29/2007	07050928	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
95199	WL	5/29/2007	07050928	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
95199	WL	5/29/2007	07050928	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
95199	WL	5/29/2007	07050928	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
95199	WL	5/29/2007	07050928	67-66-3	Chloroform	N001	0.23	ug/L	J	F	0.16		valid
95199	WL	5/29/2007	07050928	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
95199	WL	5/29/2007	07050928	156-59-2	cis-1,2-Dichloroethene	N001	2.9	ug/L		F	0.15		valid
95199	WL	5/29/2007	07050928	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
95199	WL	5/29/2007	07050928	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
95199	WL	5/29/2007	07050928	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
95199	WL	5/29/2007	07050928	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
95199	WL	5/29/2007	07050928	127-18-4	Tetrachloroethene	N001	3.9	ug/L		F	0.2		valid
95199	WL	5/29/2007	07050928	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
95199	WL	5/29/2007	07050928	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
95199	WL	5/29/2007	07050928	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
95199	WL	5/29/2007	07050928	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	J	F	0.15		valid
95199	WL	5/29/2007	07050928	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
95199	WL	5/29/2007	07050928	79-01-6	Trichloroethene	N001	95	ug/L		F	0.64		valid
95199	WL	5/29/2007	07050928	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
99305	WL	5/10/2007	07050893	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16	J	
99305	WL	5/10/2007	07050893	71-55-6	1,1,1-Trichloroethane	N002	0.16	ug/L	U	D	0.16	J	
99305	WL	5/10/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2	J	
99305	WL	5/10/2007	07050893	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	D	0.2	J	
99305	WL	5/10/2007	07050893	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32	J	
99305	WL	5/10/2007	07050893	79-00-5	1,1,2-Trichloroethane	N002	0.32	ug/L	U	D	0.32	J	
99305	WL	5/10/2007	07050893	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14	J	
99305	WL	5/10/2007	07050893	75-35-4	1,1-Dichloroethene	N002	0.54	ug/L	J	D	0.14	J	
99305	WL	5/10/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32	J	
99305	WL	5/10/2007	07050893	120-82-1	1,2,4-Trichlorobenzene	N002	0.32	ug/L	U	D	0.32	J	
99305	WL	5/10/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5	J	

Appendix A

Analytical Results for Water Samples - Second Quarter of CY 2007

LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
99305	WL	5/10/2007	07050893	96-12-8	1,2-Dibromo-3-chloropropane	N002	1.5	ug/L	U	D	1.5	J	
99305	WL	5/10/2007	07050893	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18	J	
99305	WL	5/10/2007	07050893	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	D	0.18	J	
99305	WL	5/10/2007	07050893	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13	J	
99305	WL	5/10/2007	07050893	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	D	0.13	J	
99305	WL	5/10/2007	07050893	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13	J	
99305	WL	5/10/2007	07050893	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	D	0.13	J	
99305	WL	5/10/2007	07050893	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13	J	
99305	WL	5/10/2007	07050893	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	D	0.13	J	
99305	WL	5/10/2007	07050893	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	J	
99305	WL	5/10/2007	07050893	541-73-1	1,3-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16	J	
99305	WL	5/10/2007	07050893	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16	J	
99305	WL	5/10/2007	07050893	106-46-7	1,4-Dichlorobenzene	N002	0.18	ug/L	J	D	0.16	J	
99305	WL	5/10/2007	07050893	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16	J	
99305	WL	5/10/2007	07050893	71-43-2	Benzene	N002	0.16	ug/L	U	D	0.16	J	
99305	WL	5/10/2007	07050893	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17	J	
99305	WL	5/10/2007	07050893	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	D	0.17	J	
99305	WL	5/10/2007	07050893	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19	J	
99305	WL	5/10/2007	07050893	75-25-2	Bromoform	N002	0.19	ug/L	U	D	0.19	J	
99305	WL	5/10/2007	07050893	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21	J	
99305	WL	5/10/2007	07050893	74-83-9	Bromomethane	N002	0.21	ug/L	U	D	0.21	J	
99305	WL	5/10/2007	07050893	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19	J	
99305	WL	5/10/2007	07050893	56-23-5	Carbon tetrachloride	N002	0.19	ug/L	U	D	0.19	J	
99305	WL	5/10/2007	07050893	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17	J	
99305	WL	5/10/2007	07050893	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	D	0.17	J	
99305	WL	5/10/2007	07050893	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17	J	
99305	WL	5/10/2007	07050893	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	D	0.17	J	
99305	WL	5/10/2007	07050893	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16	J	
99305	WL	5/10/2007	07050893	67-66-3	Chloroform	N002	0.16	ug/L	U	D	0.16	J	
99305	WL	5/10/2007	07050893	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3	J	
99305	WL	5/10/2007	07050893	74-87-3	Chloromethane	N002	0.3	ug/L	U	D	0.3	J	
99305	WL	5/10/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N001	18	ug/L	U	F	0.15	J	
99305	WL	5/10/2007	07050893	156-59-2	cis-1,2-Dichloroethene	N002	17	ug/L	U	D	0.15	J	
99305	WL	5/10/2007	07050893	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12	J	
99305	WL	5/10/2007	07050893	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	D	0.12	J	
99305	WL	5/10/2007	07050893	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32	J	
99305	WL	5/10/2007	07050893	75-09-2	Methylene chloride	N002	0.32	ug/L	U	D	0.32	J	
99305	WL	5/10/2007	07050893	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22	J	
99305	WL	5/10/2007	07050893	91-20-3	Naphthalene	N002	0.22	ug/L	U	D	0.22	J	
99305	WL	5/10/2007	07050893	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.019	mg/L	U	F	0.019	J	
99305	WL	5/10/2007	07050893	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N002	1.4	mg/L	U	D	0.019	J	
99305	WL	5/10/2007	07050893	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17	J	
99305	WL	5/10/2007	07050893	100-42-5	Styrene	N002	0.17	ug/L	U	D	0.17	J	
99305	WL	5/10/2007	07050893	127-18-4	Tetrachloroethene	N001	5.8	ug/L	U	F	0.2	J	
99305	WL	5/10/2007	07050893	127-18-4	Tetrachloroethene	N002	5.6	ug/L	U	D	0.2	J	
99305	WL	5/10/2007	07050893	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17	J	
99305	WL	5/10/2007	07050893	108-88-3	Toluene	N002	0.17	ug/L	U	D	0.17	J	
99305	WL	5/10/2007	07050893	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16	J	
99305	WL	5/10/2007	07050893	100-41-4	Total Xylene	N002	0.16	ug/L	U	D	0.16	J	
99305	WL	5/10/2007	07050893	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19	J	
99305	WL	5/10/2007	07050893	1330-20-7	Total Xylenes	N002	0.19	ug/L	U	D	0.19	J	
99305	WL	5/10/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N001	0.16	ug/L	J	F	0.15	J	
99305	WL	5/10/2007	07050893	156-60-5	trans-1,2-Dichloroethene	N002	0.17	ug/L	J	D	0.15	J	
99305	WL	5/10/2007	07050893	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19	J	
99305	WL	5/10/2007	07050893	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	D	0.19	J	
99305	WL	5/10/2007	07050893	79-01-6	Trichloroethene	N001	110	ug/L	U	F	0.8	J	
99305	WL	5/10/2007	07050893	79-01-6	Trichloroethene	N002	110	ug/L	U	D	0.8	J	

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Analytical Results for Water Samples - Second Quarter of CY 2007

LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
99305	WL	5/10/2007	07050893	7440-61-1	Uranium	N001	53	ug/L	F	0.02		valid	
99305	WL	5/10/2007	07050893	7440-61-1	Uranium	N002	58	ug/L	D	0.02		valid	
99305	WL	5/10/2007	07050893	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17	J	
99305	WL	5/10/2007	07050893	75-01-4	Vinyl chloride	N002	0.17	ug/L	U	D	0.17	J	
99405	WL	5/16/2007	07050908	71-55-6	1,1,1-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
99405	WL	5/16/2007	07050908	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.4	ug/L	U	F	0.4		valid
99405	WL	5/16/2007	07050908	79-00-5	1,1,2-Trichloroethane	N001	0.64	ug/L	U	F	0.64		valid
99405	WL	5/16/2007	07050908	75-35-4	1,1-Dichloroethene	N001	0.28	ug/L	U	F	0.28		valid
99405	WL	5/16/2007	07050908	120-82-1	1,2,4-Trichlorobenzene	N001	0.64	ug/L	U	F	0.64		valid
99405	WL	5/16/2007	07050908	96-12-8	1,2-Dibromo-3-chloropropane	N001	3	ug/L	U	F	3		valid
99405	WL	5/16/2007	07050908	106-93-4	1,2-Dibromoethane	N001	0.36	ug/L	U	F	0.36		valid
99405	WL	5/16/2007	07050908	95-50-1	1,2-Dichlorobenzene	N001	0.26	ug/L	U	F	0.26		valid
99405	WL	5/16/2007	07050908	107-06-2	1,2-Dichloroethane	N001	0.26	ug/L	U	F	0.26		valid
99405	WL	5/16/2007	07050908	78-87-5	1,2-Dichloropropane	N001	0.26	ug/L	U	F	0.26		valid
99405	WL	5/16/2007	07050908	541-73-1	1,3-Dichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
99405	WL	5/16/2007	07050908	106-46-7	1,4-Dichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
99405	WL	5/16/2007	07050908	71-43-2	Benzene	N001	0.32	ug/L	U	F	0.32		valid
99405	WL	5/16/2007	07050908	75-27-4	Bromodichloromethane	N001	0.34	ug/L	U	F	0.34		valid
99405	WL	5/16/2007	07050908	75-25-2	Bromoform	N001	0.38	ug/L	U	F	0.38		valid
99405	WL	5/16/2007	07050908	74-83-9	Bromomethane	N001	0.42	ug/L	U	F	0.42		valid
99405	WL	5/16/2007	07050908	56-23-5	Carbon tetrachloride	N001	0.43	ug/L	J	F	0.38		valid
99405	WL	5/16/2007	07050908	108-90-7	Chlorobenzene	N001	0.34	ug/L	U	F	0.34		valid
99405	WL	5/16/2007	07050908	124-48-1	Chlorodibromomethane	N001	0.34	ug/L	U	F	0.34		valid
99405	WL	5/16/2007	07050908	67-66-3	Chloroform	N001	0.33	ug/L	J	F	0.32		valid
99405	WL	5/16/2007	07050908	74-87-3	Chloromethane	N001	0.6	ug/L	U	F	0.6		valid
99405	WL	5/16/2007	07050908	156-59-2	cis-1,2-Dichloroethene	N001	3.1	ug/L		F	0.3		valid
99405	WL	5/16/2007	07050908	87-68-3	Hexachlorobutadiene	N001	0.24	ug/L	U	F	0.24		valid
99405	WL	5/16/2007	07050908	75-09-2	Methylene chloride	N001	0.64	ug/L	U	F	0.64		valid
99405	WL	5/16/2007	07050908	91-20-3	Naphthalene	N001	0.44	ug/L	U	F	0.44		valid
99405	WL	5/16/2007	07050908	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	2.6	mg/L		F	0.019		valid
99405	WL	5/16/2007	07050908	100-42-5	Styrene	N001	0.34	ug/L	U	F	0.34		valid
99405	WL	5/16/2007	07050908	127-18-4	Tetrachloroethene	N001	2.1	ug/L		F	0.4		valid
99405	WL	5/16/2007	07050908	108-88-3	Toluene	N001	0.34	ug/L	U	F	0.34		valid
99405	WL	5/16/2007	07050908	100-41-4	Total Xylene	N001	0.32	ug/L	U	F	0.32		valid
99405	WL	5/16/2007	07050908	1330-20-7	Total Xylenes	N001	0.38	ug/L	U	F	0.38		valid
99405	WL	5/16/2007	07050908	156-60-5	trans-1,2-Dichloroethene	N001	0.3	ug/L	U	F	0.3		valid
99405	WL	5/16/2007	07050908	10061-02-6	trans-1,3-Dichloropropene	N001	0.38	ug/L	U	F	0.38		valid
99405	WL	5/16/2007	07050908	79-01-6	Trichloroethene	N001	270	ug/L		F	1.6		valid
99405	WL	5/16/2007	07050908	7440-61-1	Uranium	N001	510	ug/L		F	0.1		valid
99405	WL	5/16/2007	07050908	75-01-4	Vinyl chloride	N001	0.34	ug/L	U	F	0.34		valid
A4 POND	SL	5/4/2007	07050877	AM-241	Americium-241	N001	-0.0207	pCi/L	U	F	0.0918	0.029	valid
A4 POND	SL	5/4/2007	07050878	NH3+NH4-N	Ammonia Total as N	N002	0.03	mg/L	U	F	0.03		valid
A4 POND	SL	5/4/2007	07050877	PU-239,240	Plutonium-239, 240	N001	-0.00938	pCi/L	U	F	0.0222	0.0113	valid
A4 POND	SL	5/4/2007	07050878	RA-228	Radium-228	N002	0.593	pCi/L		F	0.496	0.346	J
A4 POND	SL	5/4/2007	07050878	57-12-5	Total Cyanide	N002	0.0015	mg/L	U	F	0.0015		valid
A4 POND	SL	5/4/2007	07050877	U-234	Uranium-234	N001	2.31	pCi/L		F	0.157	0.341	valid
A4 POND	SL	5/4/2007	07050877	U-235+236	Uranium-235/236	N001	0.222	pCi/L		F	0.0934	0.0818	J
A4 POND	SL	5/4/2007	07050877	U-238	Uranium-238	N001	1.73	pCi/L		F	0.148	0.274	valid
A4 POND	SL	5/14/2007	07050890	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	3.1	mg/L		F	0.019		valid
A4 POND	SL	6/7/2007	07060942	7440-61-1	Uranium	N001	5.2	ug/L		F	0.04		valid
B206989	WL	4/16/2007	07040854	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	4/16/2007	07040854	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
B206989	WL	4/16/2007	07040854	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
B206989	WL	4/16/2007	07040854	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
B206989	WL	4/16/2007	07040854	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
B206989	WL	4/16/2007	07040854	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
B206989	WL	4/16/2007	07040854	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
B206989	WL	4/16/2007	07040854	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
B206989	WL	4/16/2007	07040854	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
B206989	WL	4/16/2007	07040854	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
B206989	WL	4/16/2007	07040854	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	4/16/2007	07040854	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	4/16/2007	07040854	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	4/16/2007	07040854	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	4/16/2007	07040854	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
B206989	WL	4/16/2007	07040854	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
B206989	WL	4/16/2007	07040854	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
B206989	WL	4/16/2007	07040854	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	4/16/2007	07040854	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	4/16/2007	07040854	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	4/16/2007	07040854	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
B206989	WL	4/16/2007	07040854	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
B206989	WL	4/16/2007	07040854	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
B206989	WL	4/16/2007	07040854	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
B206989	WL	4/16/2007	07040854	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
B206989	WL	4/16/2007	07040854	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	20	mg/L		F	0.19		valid
B206989	WL	4/16/2007	07040854	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	4/16/2007	07040854	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
B206989	WL	4/16/2007	07040854	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	4/16/2007	07040854	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	4/16/2007	07040854	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
B206989	WL	4/16/2007	07040854	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
B206989	WL	4/16/2007	07040854	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
B206989	WL	4/16/2007	07040854	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	4/16/2007	07040854	7440-61-1	Uranium	N001	78	ug/L		F	0.02	J	
B206989	WL	4/16/2007	07040854	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	6/26/2007	07060977	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	6/26/2007	07060977	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
B206989	WL	6/26/2007	07060977	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
B206989	WL	6/26/2007	07060977	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
B206989	WL	6/26/2007	07060977	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
B206989	WL	6/26/2007	07060977	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
B206989	WL	6/26/2007	07060977	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
B206989	WL	6/26/2007	07060977	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
B206989	WL	6/26/2007	07060977	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
B206989	WL	6/26/2007	07060977	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
B206989	WL	6/26/2007	07060977	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	6/26/2007	07060977	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	6/26/2007	07060977	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	6/26/2007	07060977	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	6/26/2007	07060977	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
B206989	WL	6/26/2007	07060977	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
B206989	WL	6/26/2007	07060977	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
B206989	WL	6/26/2007	07060977	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	6/26/2007	07060977	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	6/26/2007	07060977	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	6/26/2007	07060977	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
B206989	WL	6/26/2007	07060977	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
B206989	WL	6/26/2007	07060977	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
B206989	WL	6/26/2007	07060977	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
B206989	WL	6/26/2007	07060977	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
B206989	WL	6/26/2007	07060977	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	27	mg/L		F	0.19		valid
B206989	WL	6/26/2007	07060977	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	6/26/2007	07060977	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid

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B206989	WL	6/26/2007	07060977	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
B206989	WL	6/26/2007	07060977	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	6/26/2007	07060977	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
B206989	WL	6/26/2007	07060977	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
B206989	WL	6/26/2007	07060977	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
B206989	WL	6/26/2007	07060977	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
B206989	WL	6/26/2007	07060977	7440-61-1	Uranium	0001	87	ug/L		F	0.02		valid
B206989	WL	6/26/2007	07060977	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
B5 POND	SL	5/4/2007	07050877	AM-241	Americium-241	N001	0.00364	pCi/L	U	F	0.0594	0.0152	valid
B5 POND	SL	5/4/2007	07050878	NH3+NH4-N	Ammonia Total as N	N002	0.03	mg/L	U	F	0.03		valid
B5 POND	SL	5/4/2007	07050877	PU-239,240	Plutonium-239, 240	N001	0.0032	pCi/L	U	F	0.0277	0.00768	valid
B5 POND	SL	5/4/2007	07050878	RA-228	Radium-228	N002	0.389	pCi/L	U	F	0.687	0.414	valid
B5 POND	SL	5/4/2007	07050878	57-12-5	Total Cyanide	N002	0.0015	mg/L	U	F	0.0015		valid
B5 POND	SL	5/4/2007	07050877	U-234	Uranium-234	N001	1.82	pCi/L		F	0.158	0.284	valid
B5 POND	SL	5/4/2007	07050877	U-235+236	Uranium-235/236	N001	0.179	pCi/L		F	0.0935	0.0729	J
B5 POND	SL	5/4/2007	07050877	U-238	Uranium-238	N001	1.76	pCi/L		F	0.148	0.276	valid
B5 POND	SL	5/14/2007	07050890	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.019	mg/L	U	F	0.019		valid
B5 POND	SL	6/7/2007	07060942	7440-61-1	Uranium	N001	7.8	ug/L		F	0.04		valid
C2 POND	SL	5/4/2007	07050878	NH3+NH4-N	Ammonia Total as N	N001	0.03	mg/L	U	F	0.03		valid
C2 POND	SL	5/4/2007	07050878	RA-228	Radium-228	N001	0.056	pCi/L	U	F	0.55	0.292	valid
C2 POND	SL	5/4/2007	07050878	57-12-5	Total Cyanide	N001	0.0015	mg/L	U	F	0.0015		valid
ET EFFLUENT	TS	6/26/2007	07060977	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
ET EFFLUENT	TS	6/26/2007	07060977	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
ET EFFLUENT	TS	6/26/2007	07060977	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
ET EFFLUENT	TS	6/26/2007	07060977	75-35-4	1,1-Dichloroethene	N001	0.46	ug/L	J	F	0.14		valid
ET EFFLUENT	TS	6/26/2007	07060977	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
ET EFFLUENT	TS	6/26/2007	07060977	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
ET EFFLUENT	TS	6/26/2007	07060977	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
ET EFFLUENT	TS	6/26/2007	07060977	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
ET EFFLUENT	TS	6/26/2007	07060977	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
ET EFFLUENT	TS	6/26/2007	07060977	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
ET EFFLUENT	TS	6/26/2007	07060977	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
ET EFFLUENT	TS	6/26/2007	07060977	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
ET EFFLUENT	TS	6/26/2007	07060977	71-43-2	Benzene	N001	0.34	ug/L	J	F	0.16		valid
ET EFFLUENT	TS	6/26/2007	07060977	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
ET EFFLUENT	TS	6/26/2007	07060977	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
ET EFFLUENT	TS	6/26/2007	07060977	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
ET EFFLUENT	TS	6/26/2007	07060977	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
ET EFFLUENT	TS	6/26/2007	07060977	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
ET EFFLUENT	TS	6/26/2007	07060977	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
ET EFFLUENT	TS	6/26/2007	07060977	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
ET EFFLUENT	TS	6/26/2007	07060977	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
ET EFFLUENT	TS	6/26/2007	07060977	156-59-2	cis-1,2-Dichloroethene	N001	40	ug/L		F	0.15		valid
ET EFFLUENT	TS	6/26/2007	07060977	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
ET EFFLUENT	TS	6/26/2007	07060977	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
ET EFFLUENT	TS	6/26/2007	07060977	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
ET EFFLUENT	TS	6/26/2007	07060977	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
ET EFFLUENT	TS	6/26/2007	07060977	127-18-4	Tetrachloroethene	N001	9.7	ug/L		F	0.2		valid
ET EFFLUENT	TS	6/26/2007	07060977	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
ET EFFLUENT	TS	6/26/2007	07060977	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
ET EFFLUENT	TS	6/26/2007	07060977	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
ET EFFLUENT	TS	6/26/2007	07060977	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
ET EFFLUENT	TS	6/26/2007	07060977	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
ET EFFLUENT	TS	6/26/2007	07060977	79-01-6	Trichloroethene	N001	4.8	ug/L		F	0.16		valid
ET EFFLUENT	TS	6/26/2007	07060977	75-01-4	Vinyl chloride	N001	1.2	ug/L	U	F	0.17		valid
ET INFLUENT	TS	6/26/2007	07060977	71-55-6	1,1,1-Trichloroethane	N001	2.8	ug/L	J	F	0.8		valid
ET INFLUENT	TS	6/26/2007	07060977	79-34-5	1,1,2,2-Tetrachloroethane	N001	1	ug/L	U	F	1		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
ET INFLUENT	TS	6/26/2007	07060977	79-00-5	1,1,2-Trichloroethane	N001	1.6	ug/L	U	F	1.6		valid
ET INFLUENT	TS	6/26/2007	07060977	75-35-4	1,1-Dichloroethene	N001	3.8	ug/L	J	F	0.7		valid
ET INFLUENT	TS	6/26/2007	07060977	120-82-1	1,2,4-Trichlorobenzene	N001	1.6	ug/L	U	F	1.6		valid
ET INFLUENT	TS	6/26/2007	07060977	96-12-8	1,2-Dibromo-3-chloropropane	N001	7.5	ug/L	U	F	7.5		valid
ET INFLUENT	TS	6/26/2007	07060977	106-93-4	1,2-Dibromoethane	N001	0.9	ug/L	U	F	0.9		valid
ET INFLUENT	TS	6/26/2007	07060977	95-50-1	1,2-Dichlorobenzene	N001	0.65	ug/L	U	F	0.65		valid
ET INFLUENT	TS	6/26/2007	07060977	107-06-2	1,2-Dichloroethane	N001	0.65	ug/L	U	F	0.65		valid
ET INFLUENT	TS	6/26/2007	07060977	78-87-5	1,2-Dichloropropane	N001	0.65	ug/L	U	F	0.65		valid
ET INFLUENT	TS	6/26/2007	07060977	541-73-1	1,3-Dichlorobenzene	N001	0.8	ug/L	U	F	0.8		valid
ET INFLUENT	TS	6/26/2007	07060977	106-46-7	1,4-Dichlorobenzene	N001	0.8	ug/L	U	F	0.8		valid
ET INFLUENT	TS	6/26/2007	07060977	71-43-2	Benzene	N001	0.8	ug/L	U	F	0.8		valid
ET INFLUENT	TS	6/26/2007	07060977	75-27-4	Bromodichlormethane	N001	0.85	ug/L	U	F	0.85		valid
ET INFLUENT	TS	6/26/2007	07060977	75-25-2	Bromoform	N001	0.95	ug/L	U	F	0.95		valid
ET INFLUENT	TS	6/26/2007	07060977	74-83-9	Bromomethane	N001	1	ug/L	U	F	1		valid
ET INFLUENT	TS	6/26/2007	07060977	56-23-5	Carbon tetrachloride	N001	110	ug/L		F	0.95	J	
ET INFLUENT	TS	6/26/2007	07060977	108-90-7	Chlorobenzene	N001	0.85	ug/L	U	F	0.85		valid
ET INFLUENT	TS	6/26/2007	07060977	124-48-1	Chlorodibromomethane	N001	0.85	ug/L	U	F	0.85		valid
ET INFLUENT	TS	6/26/2007	07060977	67-66-3	Chloroform	N001	70	ug/L		F	0.8		valid
ET INFLUENT	TS	6/26/2007	07060977	74-87-3	Chloromethane	N001	1.5	ug/L	U	F	1.5		valid
ET INFLUENT	TS	6/26/2007	07060977	156-59-2	cis-1,2-Dichloroethene	N001	30	ug/L		F	0.75		valid
ET INFLUENT	TS	6/26/2007	07060977	87-68-3	Hexachlorobutadiene	N001	0.6	ug/L	U	F	0.6		valid
ET INFLUENT	TS	6/26/2007	07060977	75-09-2	Methylene chloride	N001	1.6	ug/L	U	F	1.6		valid
ET INFLUENT	TS	6/26/2007	07060977	91-20-3	Naphthalene	N001	1.1	ug/L	U	F	1.1		valid
ET INFLUENT	TS	6/26/2007	07060977	100-42-5	Styrene	N001	0.85	ug/L	U	F	0.85		valid
ET INFLUENT	TS	6/26/2007	07060977	127-18-4	Tetrachloroethene	N001	320	ug/L		F	10		valid
ET INFLUENT	TS	6/26/2007	07060977	108-88-3	Toluene	N001	0.85	ug/L	U	F	0.85		valid
ET INFLUENT	TS	6/26/2007	07060977	100-41-4	Total Xylene	N001	0.8	ug/L	U	F	0.8		valid
ET INFLUENT	TS	6/26/2007	07060977	1330-20-7	Total Xylenes	N001	0.95	ug/L	U	F	0.95		valid
ET INFLUENT	TS	6/26/2007	07060977	156-60-5	trans-1,2-Dichloroethene	N001	0.75	ug/L	U	F	0.75		valid
ET INFLUENT	TS	6/26/2007	07060977	10061-02-6	trans-1,3-dichloropropene	N001	0.95	ug/L	U	F	0.95		valid
ET INFLUENT	TS	6/26/2007	07060977	79-01-6	Trichloroethene	N001	2500	ug/L		F	8		valid
ET INFLUENT	TS	6/26/2007	07060977	75-01-4	Vinyl chloride	N001	0.85	ug/L	U	F	0.85		valid
GS01	SL	4/4/2007	07040845	AM-241	Americium-241	N001	0.00599	pCi/L	U	F	0.0276	0.00965	valid
GS01	SL	4/4/2007	07040845	PU-239,240	Plutonium-239, 240	N001	0.0158	pCi/L	U	F	0.0266	0.0115	valid
GS01	SL	4/4/2007	07040845	U-234	Uranium-234	N001	1.73	pCi/L		F	0.0655	0.214	valid
GS01	SL	4/4/2007	07040845	U-235+236	Uranium-235/236	N001	0.0761	pCi/L		F	0.042	0.0323	J
GS01	SL	4/4/2007	07040845	U-238	Uranium-238	N001	1.36	pCi/L		F	0.0501	0.177	valid
GS01	SL	4/17/2007	07040866	AM-241	Americium-241	N001	-0.00205	pCi/L	U	F	0.0191	0.00863	valid
GS01	SL	4/17/2007	07040866	PU-239,240	Plutonium-239, 240	N001	0.00747	pCi/L	U	F	0.0215	0.00712	valid
GS01	SL	4/17/2007	07040866	U-234	Uranium-234	N001	0.739	pCi/L		F	0.0567	0.114	valid
GS01	SL	4/17/2007	07040866	U-235+236	Uranium-235/236	N001	0.0284	pCi/L	U	F	0.0337	0.0185	valid
GS01	SL	4/17/2007	07040866	U-238	Uranium-238	N001	0.463	pCi/L		F	0.0533	0.0811	valid
GS01	SL	4/20/2007	07040866	AM-241	Americium-241	N001	-0.0571	pCi/L	U	F	0.0207	0.0232	valid
GS01	SL	4/20/2007	07040866	PU-239,240	Plutonium-239, 240	N001	-0.00494	pCi/L	U	F	0.0215	0.0056	valid
GS01	SL	4/20/2007	07040866	U-234	Uranium-234	N001	0.411	pCi/L		F	0.055	0.0737	valid
GS01	SL	4/20/2007	07040866	U-235+236	Uranium-235/236	N001	0.0275	pCi/L	U	F	0.0326	0.0166	valid
GS01	SL	4/20/2007	07040866	U-238	Uranium-238	N001	0.37	pCi/L		F	0.0517	0.0684	valid
GS01	SL	4/24/2007	07040866	AM-241	Americium-241	N001	0.0000681	pCi/L	U	F	0.0206	0.00439	valid
GS01	SL	4/24/2007	07040866	PU-239,240	Plutonium-239, 240	N001	0.00635	pCi/L	U	F	0.0228	0.0104	valid
GS01	SL	4/24/2007	07040865	TSS	Total Suspended Solids	N001	21	mg/L		F	1.1		valid
GS01	SL	4/24/2007	07040866	U-234	Uranium-234	N001	0.35	pCi/L		F	0.052	0.0645	valid
GS01	SL	4/24/2007	07040866	U-235+236	Uranium-235/236	N001	0.0237	pCi/L	U	F	0.0309	0.0163	valid
GS01	SL	4/24/2007	07040866	U-238	Uranium-238	N001	0.245	pCi/L		F	0.0489	0.0511	valid
GS01	SL	4/26/2007	07050876	AM-241	Americium-241	N001	-0.009	pCi/L	U	F	0.0199	0.00879	valid
GS01	SL	4/26/2007	07050876	PU-239,240	Plutonium-239, 240	N001	0.00711	pCi/L	U	F	0.0201	0.00868	valid
GS01	SL	4/26/2007	07050876	U-234	Uranium-234	N001	0.324	pCi/L		F	0.157	0.0946	J
GS01	SL	4/26/2007	07050876	U-235+236	Uranium-235/236	N001	0.0429	pCi/L	U	F	0.0932	0.0399	valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
GS01	SL	4/26/2007	07050876	U-238	Uranium-238	N001	0.318	pCi/L	U	F	0.148	0.0923	J
GS01	SL	5/1/2007	07050884	AM-241	Americium-241	N001	0.00388	pCi/L	U	F	0.0249	0.0106	valid
GS01	SL	5/1/2007	07050884	PU-239,240	Plutonium-239, 240	N001	0.00309	pCi/L	U	F	0.0227	0.00583	valid
GS01	SL	5/1/2007	07050884	U-234	Uranium-234	N001	0.307	pCi/L		F	0.0488	0.0579	valid
GS01	SL	5/1/2007	07050884	U-235+236	Uranium-235/236	N001	0.0244	pCi/L	U	F	0.029	0.0147	valid
GS01	SL	5/1/2007	07050884	U-238	Uranium-238	N001	0.226	pCi/L		F	0.0459	0.0476	valid
GS01	SL	5/3/2007	07050884	AM-241	Americium-241	N001	-0.00742	pCi/L	U	F	0.0254	0.00851	valid
GS01	SL	5/3/2007	07050884	PU-239,240	Plutonium-239, 240	N001	0.00501	pCi/L	U	F	0.0229	0.00797	valid
GS01	SL	5/3/2007	07050884	U-234	Uranium-234	N001	0.251	pCi/L		F	0.0521	0.0527	valid
GS01	SL	5/3/2007	07050884	U-235+236	Uranium-235/236	N001	0.0071	pCi/L	U	F	0.0309	0.0123	valid
GS01	SL	5/3/2007	07050884	U-238	Uranium-238	N001	0.216	pCi/L		F	0.049	0.0473	valid
GS01	SL	5/6/2007	07050919	AM-241	Americium-241	N001	-0.00145	pCi/L	U	F	0.025	0.00853	valid
GS01	SL	5/6/2007	07050919	PU-239,240	Plutonium-239, 240	N001	0.0173	pCi/L	U	F	0.0184	0.0147	valid
GS01	SL	5/6/2007	07050919	U-234	Uranium-234	N001	0.323	pCi/L		F	0.0251	0.0543	valid
GS01	SL	5/6/2007	07050919	U-235+236	Uranium-235/236	N001	0.0173	pCi/L	U	F	0.0291	0.0121	valid
GS01	SL	5/6/2007	07050919	U-238	Uranium-238	N001	0.221	pCi/L		F	0.0312	0.0423	valid
GS01	SL	5/17/2007	07060969	AM-241	Americium-241	N001	-0.000118	pCi/L	U	F	0.0202	0.0102	valid
GS01	SL	5/17/2007	07060969	PU-239,240	Plutonium-239, 240	N001	0.00616	pCi/L	U	F	0.0162	0.00571	valid
GS01	SL	5/17/2007	07060969	U-234	Uranium-234	N001	0.437	pCi/L		F	0.0157	0.0653	valid
GS01	SL	5/17/2007	07060969	U-235+236	Uranium-235/236	N001	0.0254	pCi/L		F	0.021	0.0123	J
GS01	SL	5/17/2007	07060969	U-238	Uranium-238	N001	0.324	pCi/L		F	0.0208	0.0523	valid
GS01	SL	5/31/2007	07060969	AM-241	Americium-241	N001	-0.00814	pCi/L	U	F	0.0237	0.014	valid
GS01	SL	5/31/2007	07060969	PU-239,240	Plutonium-239, 240	N001	0.00103	pCi/L	U	F	0.0163	0.0067	valid
GS01	SL	5/31/2007	07060969	U-234	Uranium-234	N001	0.299	pCi/L		F	0.0145	0.0476	valid
GS01	SL	5/31/2007	07060969	U-235+236	Uranium-235/236	N001	0.0148	pCi/L	U	F	0.0194	0.00852	valid
GS01	SL	5/31/2007	07060969	U-238	Uranium-238	N001	0.242	pCi/L		F	0.0192	0.0421	valid
GS03	SL	4/25/2007	07050876	AM-241	Americium-241	N001	0.00752	pCi/L	U	F	0.0196	0.00882	valid
GS03	SL	4/25/2007	07050876	PU-239,240	Plutonium-239, 240	N001	-0.00102	pCi/L	U	F	0.0201	0.0116	valid
GS03	SL	4/25/2007	07050876	U-234	Uranium-234	N001	0.682	pCi/L		F	0.17	0.15	valid
GS03	SL	4/25/2007	07050876	U-235+236	Uranium-235/236	N001	0.0928	pCi/L	U	F	0.101	0.0535	valid
GS03	SL	4/25/2007	07050876	U-238	Uranium-238	N001	0.557	pCi/L		F	0.16	0.135	valid
GS05	SL	4/4/2007	07040821	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	4/4/2007	07040821	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
GS05	SL	4/4/2007	07040821	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
GS05	SL	4/4/2007	07040821	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
GS05	SL	4/4/2007	07040821	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
GS05	SL	4/4/2007	07040821	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
GS05	SL	4/4/2007	07040821	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
GS05	SL	4/4/2007	07040821	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
GS05	SL	4/4/2007	07040821	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
GS05	SL	4/4/2007	07040821	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
GS05	SL	4/4/2007	07040821	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	4/4/2007	07040821	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	4/4/2007	07040821	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8		valid
GS05	SL	4/4/2007	07040821	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		valid
GS05	SL	4/4/2007	07040866	7440-38-2	Arsenic	N002	8.3	ug/L	B	F	6		valid
GS05	SL	4/4/2007	07040821	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	4/4/2007	07040866	7440-41-7	Beryllium	N002	1	ug/L	U	F	1		valid
GS05	SL	4/4/2007	07040866	7440-42-8	Boron	N002	16.9	ug/L	B	F	10		valid
GS05	SL	4/4/2007	07040821	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	4/4/2007	07040821	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
GS05	SL	4/4/2007	07040821	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
GS05	SL	4/4/2007	07040866	7440-43-9	Cadmium	N002	1	ug/L	U	F	1		valid
GS05	SL	4/4/2007	07040821	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
GS05	SL	4/4/2007	07040821	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	4/4/2007	07040821	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	4/4/2007	07040821	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
GS05	SL	4/4/2007	07040821	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
GS05	SL	4/4/2007	07040866	7440-47-3	Chromium	N002	7.2	ug/L	B	F	1		valid
GS05	SL	4/4/2007	07040821	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
GS05	SL	4/4/2007	07040866	7440-50-8	Copper	N002	3.1	ug/L	B	F	3		valid
GS05	SL	4/4/2007	07040821	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
GS05	SL	4/4/2007	07040866	7439-92-1	Lead	N002	2.5	ug/L	U	F	2.5		valid
GS05	SL	4/4/2007	07040821	M&P XYLENE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
GS05	SL	4/4/2007	07040821	7439-97-6	Mercury	N001	0.027	ug/L	U	F	0.027		valid
GS05	SL	4/4/2007	07040866	7439-97-6	Mercury	N002	0.06	ug/L	U	F	0.06		valid
GS05	SL	4/4/2007	07040821	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
GS05	SL	4/4/2007	07040821	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
GS05	SL	4/4/2007	07040866	7440-02-0	Nickel	N002	1.7	ug/L	B	F	1		valid
GS05	SL	4/4/2007	07040821	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
GS05	SL	4/4/2007	07040866	7782-49-2	Selenium	N002	6	ug/L	U	F	6		valid
GS05	SL	4/4/2007	07040866	7440-22-4	Silver	N002	1	ug/L	U	F	1		valid
GS05	SL	4/4/2007	07040821	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	4/4/2007	07040821	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
GS05	SL	4/4/2007	07040821	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	4/4/2007	07040821	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	4/4/2007	07040821	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
GS05	SL	4/4/2007	07040821	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
GS05	SL	4/4/2007	07040821	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
GS05	SL	4/4/2007	07040866	U-234	Uranium-234	N002	0.522	pCi/L		F	0.0495	0.0844	valid
GS05	SL	4/4/2007	07040866	U-235+236	Uranium-235/236	N002	0.0382	pCi/L		F	0.0293	0.0187	J
GS05	SL	4/4/2007	07040866	U-238	Uranium-238	N002	0.495	pCi/L		F	0.0465	0.0817	valid
GS05	SL	4/4/2007	07040821	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
GS05	SL	4/4/2007	07040866	7440-66-6	Zinc	N002	3.8	ug/L	B	F	2		valid
GS05	SL	4/24/2007	07050884	7440-38-2	Arsenic	N001	6.7	ug/L	B	F	6		valid
GS05	SL	4/24/2007	07050884	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS05	SL	4/24/2007	07050884	7440-42-8	Boron	N001	27.2	ug/L	B	F	10		valid
GS05	SL	4/24/2007	07050884	7440-43-9	Cadmium	N001	1	ug/L	U	F	1		valid
GS05	SL	4/24/2007	07050884	7440-47-3	Chromium	N001	3.6	ug/L	B	F	1		valid
GS05	SL	4/24/2007	07050884	7440-50-8	Copper	N001	3	ug/L	B	F	3		valid
GS05	SL	4/24/2007	07050884	7439-92-1	Lead	N001	2.5	ug/L	U	F	2.5		valid
GS05	SL	4/24/2007	07050884	7439-97-6	Mercury	N001	0.06	ug/L	U	F	0.06		J
GS05	SL	4/24/2007	07050884	7440-02-0	Nickel	N001	2.1	ug/L	B	F	1		valid
GS05	SL	4/24/2007	07050884	7782-49-2	Selenium	N001	6	ug/L	U	F	6		valid
GS05	SL	4/24/2007	07050884	7440-22-4	Silver	N001	1	ug/L	U	F	1		valid
GS05	SL	4/24/2007	07050884	U-234	Uranium-234	N001	0.456	pCi/L		F	0.0514	0.0771	valid
GS05	SL	4/24/2007	07050884	U-235+236	Uranium-235/236	N001	0.00701	pCi/L		F	0.0305	0.0138	valid
GS05	SL	4/24/2007	07050884	U-238	Uranium-238	N001	0.333	pCi/L		F	0.0483	0.0621	valid
GS05	SL	4/24/2007	07050884	7440-66-6	Zinc	N001	7.1	ug/L	B	F	2		valid
GS10	SL	4/17/2007	07040866	AM-241	Americium-241	N001	0.0101	pCi/L	U	F	0.0206	0.00966	valid
GS10	SL	4/17/2007	07040866	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS10	SL	4/17/2007	07040866	7440-43-9	Cadmium	N001	0.13	ug/L	B	F	0.1		valid
GS10	SL	4/17/2007	07040866	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
GS10	SL	4/17/2007	07040866	HARDNESS	Hardness	N001	553	mg/L		F	2		valid
GS10	SL	4/17/2007	07040866	PU-239,240	Plutonium-239, 240	N001	0.0205	pCi/L	U	F	0.0214	0.00961	valid
GS10	SL	4/17/2007	07040866	7440-22-4	Silver	N001	0.2	ug/L	U	F	0.2		valid
GS10	SL	4/17/2007	07040866	U-234	Uranium-234	N001	7.65	pCi/L		F	0.0574	0.899	valid
GS10	SL	4/17/2007	07040866	U-235+236	Uranium-235/236	N001	0.378	pCi/L		F	0.034	0.0753	valid
GS10	SL	4/17/2007	07040866	U-238	Uranium-238	N001	6.89	pCi/L		F	0.0539	0.813	valid
GS10	SL	4/24/2007	07040866	AM-241	Americium-241	N001	0.00632	pCi/L	U	F	0.0219	0.00675	valid
GS10	SL	4/24/2007	07040866	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS10	SL	4/24/2007	07040866	7440-43-9	Cadmium	N001	0.19	ug/L	B	F	0.1		valid
GS10	SL	4/24/2007	07040866	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
GS10	SL	4/24/2007	07040866	HARDNESS	Hardness	N001	191	mg/L		F	1		valid

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GS10	SL	4/24/2007	07040866	PU-239,240	Plutonium-239, 240	N001	0.0217	pCi/L	F	0.0193	0.0108	valid	
GS10	SL	4/24/2007	07040866	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
GS10	SL	4/24/2007	07040865	TSS	Total Suspended Solids	N001	38	mg/L		F	1.1		valid
GS10	SL	4/24/2007	07040866	U-234	Uranium-234	N001	4.07	pCi/L		F	0.0511	0.485	valid
GS10	SL	4/24/2007	07040866	U-235+236	Uranium-235/236	N001	0.198	pCi/L		F	0.0303	0.0478	valid
GS10	SL	4/24/2007	07040866	U-238	Uranium-238	N001	4.19	pCi/L		F	0.048	0.498	valid
GS10	SL	4/25/2007	07050876	AM-241	Americium-241	N001	-0.00185	pCi/L	U	F	0.0204	0.00829	valid
GS10	SL	4/25/2007	07050876	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS10	SL	4/25/2007	07050876	7440-43-9	Cadmium	0001	0.1	ug/L	U	F	0.1		valid
GS10	SL	4/25/2007	07050876	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
GS10	SL	4/25/2007	07050876	HARDNESS	Hardness	N001	362	mg/L		F	2		valid
GS10	SL	4/25/2007	07050876	PU-239,240	Plutonium-239, 240	N001	0.0084	pCi/L	U	F	0.0218	0.0105	valid
GS10	SL	4/25/2007	07050876	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
GS10	SL	4/25/2007	07050876	U-234	Uranium-234	N001	6.39	pCi/L		F	0.164	0.798	valid
GS10	SL	4/25/2007	07050876	U-235+236	Uranium-235/236	N001	0.372	pCi/L		F	0.0972	0.113	valid
GS10	SL	4/25/2007	07050876	U-238	Uranium-238	N001	6.42	pCi/L		F	0.154	0.801	valid
GS10	SL	5/1/2007	07050898	AM-241	Americium-241	N001	0.00391	pCi/L	U	F	0.0181	0.0114	valid
GS10	SL	5/1/2007	07050898	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		J
GS10	SL	5/1/2007	07050898	7440-43-9	Cadmium	0001	0.1	ug/L	U	F	0.1		J
GS10	SL	5/1/2007	07050898	7440-47-3	Chromium	N001	1	ug/L	U	F	1		J
GS10	SL	5/1/2007	07050898	HARDNESS	Hardness	N001	514	mg/L		F	2		J
GS10	SL	5/1/2007	07050898	PU-239,240	Plutonium-239, 240	N001	0.00195	pCi/L	U	F	0.0269	0.0133	valid
GS10	SL	5/1/2007	07050898	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		J
GS10	SL	5/1/2007	07050898	U-234	Uranium-234	N001	7.48	pCi/L		F	0.0464	0.864	valid
GS10	SL	5/1/2007	07050898	U-235+236	Uranium-235/236	N001	0.372	pCi/L		F	0.0276	0.0693	valid
GS10	SL	5/1/2007	07050898	U-238	Uranium-238	N001	7.27	pCi/L		F	0.0437	0.841	valid
GS10	SL	5/10/2007	07050919	AM-241	Americium-241	N001	0.012	pCi/L	U	F	0.0278	0.00927	valid
GS10	SL	5/10/2007	07050919	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS10	SL	5/10/2007	07050919	7440-43-9	Cadmium	0001	0.1	ug/L	U	F	0.1		valid
GS10	SL	5/10/2007	07050919	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
GS10	SL	5/10/2007	07050919	HARDNESS	Hardness	N001	572	mg/L		F	2		valid
GS10	SL	5/10/2007	07050919	PU-239,240	Plutonium-239, 240	N001	0.0103	pCi/L	U	F	0.0196	0.00817	valid
GS10	SL	5/10/2007	07050919	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
GS10	SL	5/10/2007	07050919	U-234	Uranium-234	N001	6.5	pCi/L		F	0.0228	0.751	valid
GS10	SL	5/10/2007	07050919	U-235+236	Uranium-235/236	N001	0.303	pCi/L		F	0.0265	0.0531	valid
GS10	SL	5/10/2007	07050919	U-238	Uranium-238	N001	5.99	pCi/L		F	0.0284	0.693	valid
GS10	SL	5/24/2007	07060969	AM-241	Americium-241	N001	-0.00175	pCi/L	U	F	0.0258	0.0109	valid
GS10	SL	5/24/2007	07060969	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS10	SL	5/24/2007	07060969	7440-43-9	Cadmium	0001	0.1	ug/L	U	F	0.1		valid
GS10	SL	5/24/2007	07060969	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
GS10	SL	5/24/2007	07060969	HARDNESS	Hardness	N001	542	mg/L		F	2		valid
GS10	SL	5/24/2007	07060969	PU-239,240	Plutonium-239, 240	N001	0.0109	pCi/L	U	F	0.0172	0.00855	valid
GS10	SL	5/24/2007	07060969	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
GS10	SL	5/24/2007	07060969	U-234	Uranium-234	N001	6.59	pCi/L		F	0.0158	0.759	valid
GS10	SL	5/24/2007	07060969	U-235+236	Uranium-235/236	N001	0.254	pCi/L		F	0.0211	0.0468	valid
GS10	SL	5/24/2007	07060969	U-238	Uranium-238	N001	5.99	pCi/L		F	0.0209	0.692	valid
GS10	SL	5/31/2007	07071017	AM-241	Americium-241	N001	0.00354	pCi/L	U	F	0.0216	0.00576	valid
GS10	SL	5/31/2007	07071017	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS10	SL	5/31/2007	07071017	7440-43-9	Cadmium	0001	0.11	ug/L	U	F	0.11		valid
GS10	SL	5/31/2007	07071017	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
GS10	SL	5/31/2007	07071017	HARDNESS	Hardness	N001	574	mg/L		F	2		valid
GS10	SL	5/31/2007	07071017	PU-239,240	Plutonium-239, 240	N001	0.00611	pCi/L	U	F	0.00668	0.00516	valid
GS10	SL	5/31/2007	07071017	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
GS10	SL	5/31/2007	07071017	U-234	Uranium-234	N001	5.81	pCi/L		F	0.204	0.857	valid
GS10	SL	5/31/2007	07071017	U-235+236	Uranium-235/236	N001	0.265	pCi/L		F	0.174	0.146	J
GS10	SL	5/31/2007	07071017	U-238	Uranium-238	N001	5.37	pCi/L		F	0.273	0.806	valid
GS10	SL	6/5/2007	07060944	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid

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GS10	SL	6/5/2007	07060944	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
GS10	SL	6/5/2007	07060944	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
GS10	SL	6/5/2007	07060944	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
GS10	SL	6/5/2007	07060944	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
GS10	SL	6/5/2007	07060944	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
GS10	SL	6/5/2007	07060944	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
GS10	SL	6/5/2007	07060944	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
GS10	SL	6/5/2007	07060944	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
GS10	SL	6/5/2007	07060944	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
GS10	SL	6/5/2007	07060944	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
GS10	SL	6/5/2007	07060944	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
GS10	SL	6/5/2007	07060944	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
GS10	SL	6/5/2007	07060944	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
GS10	SL	6/5/2007	07060944	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
GS10	SL	6/5/2007	07060944	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
GS10	SL	6/5/2007	07060944	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
GS10	SL	6/5/2007	07060944	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
GS10	SL	6/5/2007	07060944	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
GS10	SL	6/5/2007	07060944	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
GS10	SL	6/5/2007	07060944	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
GS10	SL	6/5/2007	07060944	156-59-2	cis-1,2-Dichloroethene	N001	66	ug/L		F	0.300		valid
GS10	SL	6/5/2007	07060944	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
GS10	SL	6/5/2007	07060944	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
GS10	SL	6/5/2007	07060944	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
GS10	SL	6/5/2007	07060944	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
GS10	SL	6/5/2007	07060944	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
GS10	SL	6/5/2007	07060944	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
GS10	SL	6/5/2007	07060944	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
GS10	SL	6/5/2007	07060944	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
GS10	SL	6/5/2007	07060944	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
GS10	SL	6/5/2007	07060944	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
GS10	SL	6/5/2007	07060944	79-01-6	Trichloroethene	N001	0.18	ug/L	J	F	0.16		valid
GS10	SL	6/5/2007	07060944	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
GS13	SL	4/3/2007	07040819	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	19	mg/L		F	0.19		valid
GS13	SL	4/3/2007	07040819	7440-61-1	Uranium	N001	9.7	ug/L		F	0.02		valid
GS13	SL	4/12/2007	07040833	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	25	mg/L		F	0.190		valid
GS13	SL	4/12/2007	07040833	7440-61-1	Uranium	N001	13	ug/L		F	0.02		valid
GS13	SL	4/12/2007	07040866	U-234	Uranium-234	N002	2.48	pCi/L		F	0.0499	0.306	valid
GS13	SL	4/12/2007	07040866	U-235+236	Uranium-235/236	N002	0.166	pCi/L		F	0.0296	0.0427	valid
GS13	SL	4/12/2007	07040866	U-238	Uranium-238	N002	2.04	pCi/L		F	0.0469	0.257	valid
GS13	SL	4/23/2007	07040861	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	28	mg/L		F	0.19		valid
GS13	SL	4/23/2007	07040861	7440-61-1	Uranium	N001	14	ug/L		F	0.04		valid
GS13	SL	4/26/2007	07050919	U-234	Uranium-234	N001	4.17	pCi/L		F	0.508	0.792	valid
GS13	SL	4/26/2007	07050919	U-235+236	Uranium-235/236	N001	0.413	pCi/L	U	F	0.589	0.246	valid
GS13	SL	4/26/2007	07050919	U-238	Uranium-238	N001	2.7	pCi/L		F	0.632	0.633	valid
GS13	SL	5/8/2007	07050883	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	17	mg/L		F	0.19		J
GS13	SL	5/8/2007	07050883	7440-61-1	Uranium	N001	7.7	ug/L		F	0.04		valid
GS13	SL	5/18/2007	07050903	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	12	mg/L		F	0.190		valid
GS13	SL	5/18/2007	07050903	7440-61-1	Uranium	N001	12	ug/L		F	0.04		J
GS13	SL	5/24/2007	07071068	U-234	Uranium-234	N001	5.94	pCi/L		F	0.201	0.871	valid
GS13	SL	5/24/2007	07071068	U-235+236	Uranium-235/236	N001	0.26	pCi/L		F	0.171	0.143	J
GS13	SL	5/24/2007	07071068	U-238	Uranium-238	N001	5.48	pCi/L		F	0.269	0.818	valid
GS13	SL	6/13/2007	07060962	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	17	mg/L		F	0.096		valid
GS13	SL	6/13/2007	07060962	7440-61-1	Uranium	N001	16	ug/L		F	0.02		valid
GS51	SL	4/24/2007	07040866	AM-241	Americium-241	N001	0.186	pCi/L		F	0.0262	0.0378	valid
GS51	SL	4/24/2007	07040866	AM-241	Americium-241	N002	0.0996	pCi/L		F	0.0264	0.0361	valid
GS51	SL	4/24/2007	07040866	PU-239,240	Plutonium-239, 240	N001	0.794	pCi/L		F	0.0203	0.0874	valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
GS51	SL	4/24/2007	07040866	PU-239,240	Plutonium-239, 240	N002	0.651	pCi/L	F	0.0254	0.0802	valid	
GS51	SL	4/24/2007	07040865	TSS	Total Suspended Solids	N001	22	mg/L	F	1.1		valid	
GS51	SL	4/24/2007	07040865	TSS	Total Suspended Solids	N002	13	mg/L	F	1.1		valid	
GS51	SL	4/25/2007	07050884	AM-241	Americium-241	N001	0.125	pCi/L	F	0.0338	0.0341	valid	
GS51	SL	4/25/2007	07050884	PU-239,240	Plutonium-239, 240	N001	0.728	pCi/L	F	0.0246	0.0867	valid	
GS59	SL	4/4/2007	07040821	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	4/4/2007	07040821	71-55-6	1,1,1-Trichloroethane	N002	0.16	ug/L	U	D	0.16		valid
GS59	SL	4/4/2007	07040821	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
GS59	SL	4/4/2007	07040821	79-34-5	1,1,2,2-Tetrachloroethane	N002	0.2	ug/L	U	D	0.2		valid
GS59	SL	4/4/2007	07040821	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
GS59	SL	4/4/2007	07040821	79-00-5	1,1,2-Trichloroethane	N002	0.32	ug/L	U	D	0.32		valid
GS59	SL	4/4/2007	07040821	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
GS59	SL	4/4/2007	07040821	75-35-4	1,1-Dichloroethene	N002	0.14	ug/L	U	D	0.14		valid
GS59	SL	4/4/2007	07040821	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
GS59	SL	4/4/2007	07040821	120-82-1	1,2,4-Trichlorobenzene	N002	0.32	ug/L	U	D	0.32		valid
GS59	SL	4/4/2007	07040821	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
GS59	SL	4/4/2007	07040821	96-12-8	1,2-Dibromo-3-chloropropane	N002	1.5	ug/L	U	D	1.5		valid
GS59	SL	4/4/2007	07040821	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
GS59	SL	4/4/2007	07040821	106-93-4	1,2-Dibromoethane	N002	0.18	ug/L	U	D	0.18		valid
GS59	SL	4/4/2007	07040821	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
GS59	SL	4/4/2007	07040821	95-50-1	1,2-Dichlorobenzene	N002	0.13	ug/L	U	D	0.130		valid
GS59	SL	4/4/2007	07040821	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
GS59	SL	4/4/2007	07040821	107-06-2	1,2-Dichloroethane	N002	0.13	ug/L	U	D	0.13		valid
GS59	SL	4/4/2007	07040821	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
GS59	SL	4/4/2007	07040821	78-87-5	1,2-Dichloropropane	N002	0.13	ug/L	U	D	0.13		valid
GS59	SL	4/4/2007	07040821	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	4/4/2007	07040821	541-73-1	1,3-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16		valid
GS59	SL	4/4/2007	07040821	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	4/4/2007	07040821	106-46-7	1,4-Dichlorobenzene	N002	0.16	ug/L	U	D	0.16		valid
GS59	SL	4/4/2007	07040821	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8		valid
GS59	SL	4/4/2007	07040821	107-02-8	Acrolein	N002	2.8	ug/L	U	D	2.8		valid
GS59	SL	4/4/2007	07040821	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		valid
GS59	SL	4/4/2007	07040821	107-13-1	Acrylonitrile	N002	1.4	ug/L	U	D	1.4		valid
GS59	SL	4/4/2007	07040866	7440-38-2	Arsenic	N003	6	ug/L	U	F	6		valid
GS59	SL	4/4/2007	07040821	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	4/4/2007	07040821	71-43-2	Benzene	N002	0.16	ug/L	U	D	0.16		valid
GS59	SL	4/4/2007	07040866	7440-41-7	Beryllium	N003	1	ug/L	U	F	1		valid
GS59	SL	4/4/2007	07040866	7440-42-8	Boron	N003	14.9	ug/L	B	F	10		valid
GS59	SL	4/4/2007	07040821	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	4/4/2007	07040821	75-27-4	Bromodichloromethane	N002	0.17	ug/L	U	D	0.170		valid
GS59	SL	4/4/2007	07040821	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
GS59	SL	4/4/2007	07040821	75-25-2	Bromoform	N002	0.19	ug/L	U	D	0.190		valid
GS59	SL	4/4/2007	07040821	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.210		valid
GS59	SL	4/4/2007	07040821	74-83-9	Bromomethane	N002	0.21	ug/L	U	D	0.21		valid
GS59	SL	4/4/2007	07040866	7440-43-9	Cadmium	N001	1	ug/L	U	F	1		valid
GS59	SL	4/4/2007	07040821	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.190		valid
GS59	SL	4/4/2007	07040821	56-23-5	Carbon tetrachloride	N002	0.19	ug/L	U	D	0.19		valid
GS59	SL	4/4/2007	07040821	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	4/4/2007	07040821	108-90-7	Chlorobenzene	N002	0.17	ug/L	U	D	0.17		valid
GS59	SL	4/4/2007	07040821	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	4/4/2007	07040821	124-48-1	Chlorodibromomethane	N002	0.17	ug/L	U	D	0.17		valid
GS59	SL	4/4/2007	07040821	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	4/4/2007	07040821	67-66-3	Chloroform	N002	0.16	ug/L	U	D	0.16		valid
GS59	SL	4/4/2007	07040821	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
GS59	SL	4/4/2007	07040821	74-87-3	Chloromethane	N002	0.3	ug/L	U	D	0.300		valid
GS59	SL	4/4/2007	07040866	7440-47-3	Chromium	N003	1	ug/L	U	F	1		valid
GS59	SL	4/4/2007	07040821	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid

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GS59	SL	4/4/2007	07040821	156-59-2	cis-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15		valid
GS59	SL	4/4/2007	07040866	7440-50-8	Copper	0001	3	ug/L	U	F	3.000		valid
GS59	SL	4/4/2007	07040821	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
GS59	SL	4/4/2007	07040821	87-68-3	Hexachlorobutadiene	N002	0.12	ug/L	U	D	0.120		valid
GS59	SL	4/4/2007	07040866	7439-92-1	Lead	0001	2.5	ug/L	U	F	2.5		valid
GS59	SL	4/4/2007	07040821	M&P XYLENE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
GS59	SL	4/4/2007	07040821	M&P XYLENE	m,p-Xylene	N002	0.34	ug/L	U	D	0.34		valid
GS59	SL	4/4/2007	07040821	7439-97-6	Mercury	N001	0.027	ug/L	U	F	0.027		valid
GS59	SL	4/4/2007	07040821	7439-97-6	Mercury	N002	0.027	ug/L	U	D	0.027		valid
GS59	SL	4/4/2007	07040866	7439-97-6	Mercury	N003	0.06	ug/L	U	F	0.06		valid
GS59	SL	4/4/2007	07040821	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.320		valid
GS59	SL	4/4/2007	07040821	75-09-2	Methylene chloride	N002	0.32	ug/L	U	D	0.320		valid
GS59	SL	4/4/2007	07040821	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
GS59	SL	4/4/2007	07040821	91-20-3	Naphthalene	N002	0.22	ug/L	U	D	0.22		valid
GS59	SL	4/4/2007	07040866	7440-02-0	Nickel	0001	1.1	ug/L	B	F	1		valid
GS59	SL	4/4/2007	07040821	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
GS59	SL	4/4/2007	07040821	95-47-6	o-Xylene	N002	0.19	ug/L	U	D	0.190		valid
GS59	SL	4/4/2007	07040866	7782-49-2	Selenium	N003	6	ug/L	U	F	6		valid
GS59	SL	4/4/2007	07040866	7440-22-4	Silver	0001	1	ug/L	U	F	1		valid
GS59	SL	4/4/2007	07040821	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	4/4/2007	07040821	100-42-5	Styrene	N002	0.17	ug/L	U	D	0.17		valid
GS59	SL	4/4/2007	07040821	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.200		valid
GS59	SL	4/4/2007	07040821	127-18-4	Tetrachloroethene	N002	0.2	ug/L	U	D	0.2		valid
GS59	SL	4/4/2007	07040821	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	4/4/2007	07040821	108-88-3	Toluene	N002	0.17	ug/L	U	D	0.17		valid
GS59	SL	4/4/2007	07040821	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	4/4/2007	07040821	100-41-4	Total Xylene	N002	0.16	ug/L	U	D	0.16		valid
GS59	SL	4/4/2007	07040821	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
GS59	SL	4/4/2007	07040821	156-60-5	trans-1,2-Dichloroethene	N002	0.15	ug/L	U	D	0.15		valid
GS59	SL	4/4/2007	07040821	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.190		valid
GS59	SL	4/4/2007	07040821	10061-02-6	trans-1,3-dichloropropene	N002	0.19	ug/L	U	D	0.19		valid
GS59	SL	4/4/2007	07040821	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
GS59	SL	4/4/2007	07040821	79-01-6	Trichloroethene	N002	0.16	ug/L	U	D	0.16		valid
GS59	SL	4/4/2007	07040866	U-234	Uranium-234	N003	0.495	pCi/L		F	0.0517	0.0816	valid
GS59	SL	4/4/2007	07040866	U-235+236	Uranium-235/236	N003	0.0235	pCi/L	U	F	0.0307	0.0148	valid
GS59	SL	4/4/2007	07040866	U-238	Uranium-238	N003	0.308	pCi/L		F	0.0486	0.0591	valid
GS59	SL	4/4/2007	07040821	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
GS59	SL	4/4/2007	07040821	75-01-4	Vinyl chloride	N002	0.17	ug/L	U	D	0.17		valid
GS59	SL	4/4/2007	07040866	7440-66-6	Zinc	0001	2.6	ug/L	B	F	2		valid
GS59	SL	4/24/2007	07050884	7440-38-2	Arsenic	N001	7.1	ug/L	B	F	6		valid
GS59	SL	4/24/2007	07050884	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GS59	SL	4/24/2007	07050884	7440-42-8	Boron	N001	27.4	ug/L	B	F	10		valid
GS59	SL	4/24/2007	07050884	7440-43-9	Cadmium	0001	1	ug/L	U	F	1.000		valid
GS59	SL	4/24/2007	07050884	7440-47-3	Chromium	N001	1.5	ug/L	B	F	1		valid
GS59	SL	4/24/2007	07050884	7440-50-8	Copper	0001	3	ug/L	U	F	3		valid
GS59	SL	4/24/2007	07050884	7439-92-1	Lead	0001	2.5	ug/L	U	F	2.5		valid
GS59	SL	4/24/2007	07050884	7439-97-6	Mercury	N001	0.06	ug/L	U	F	0.06	J	
GS59	SL	4/24/2007	07050884	7440-02-0	Nickel	0001	1.6	ug/L	B	F	1.000		valid
GS59	SL	4/24/2007	07050884	7782-49-2	Selenium	N001	6	ug/L	U	F	6.000		valid
GS59	SL	4/24/2007	07050884	7440-22-4	Silver	N001	1	ug/L	U	F	1		valid
GS59	SL	4/24/2007	07050884	U-234	Uranium-234	N001	0.258	pCi/L		F	0.0557	0.0558	valid
GS59	SL	4/24/2007	07050884	U-235+236	Uranium-235/236	N001	0.0177	pCi/L	U	F	0.0331	0.0166	valid
GS59	SL	4/24/2007	07050884	U-238	Uranium-238	N001	0.248	pCi/L		F	0.0524	0.0542	valid
GS59	SL	4/24/2007	07050884	7440-66-6	Zinc	0001	3.7	ug/L	B	F	2		valid
GWISINFNORTH	TS	5/1/2007	07050873	71-55-6	1,1,1-Trichloroethane	N001	0.63	ug/L	J	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	79-34-5	1,1,2,2-Tetrachloroethane	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	79-00-5	1,1,2-Trichloroethane	N001	1	ug/L	U	F	1		valid

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GWISINFNORTH	TS	5/1/2007	07050873	75-35-4	1,1-Dichloroethene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	120-82-1	1,2,4-Trichlorobenzene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	96-12-8	1,2-Dibromo-3-chloropropane	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	106-93-4	1,2-Dibromoethane	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	95-50-1	1,2-Dichlorobenzene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	107-06-2	1,2-Dichloroethane	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	78-87-5	1,2-Dichloropropane	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	541-73-1	1,3-Dichlorobenzene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	106-46-7	1,4-Dichlorobenzene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	107-02-8	Acrolein	N001	5	ug/L	U	F	5		valid
GWISINFNORTH	TS	5/1/2007	07050873	107-13-1	Acrylonitrile	N001	5	ug/L	U	F	5		valid
GWISINFNORTH	TS	5/1/2007	07050873	7440-38-2	Arsenic	N001	11	ug/L	B	F	6		valid
GWISINFNORTH	TS	5/1/2007	07050873	71-43-2	Benzene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	7440-42-8	Boron	N001	122	ug/L		F	10		valid
GWISINFNORTH	TS	5/1/2007	07050873	75-27-4	Bromodichloromethane	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	75-25-2	Bromoform	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	74-83-9	Bromomethane	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	7440-43-9	Cadmium	N001	1.3	ug/L	B	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	56-23-5	Carbon tetrachloride	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	108-90-7	Chlorobenzene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	124-48-1	Chlorodibromomethane	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	67-66-3	Chloroform	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	74-87-3	Chloromethane	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	156-59-2	cis-1,2-Dichloroethene	N001	3.68	ug/L		F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	7440-50-8	Copper	0001	3	ug/L	U	F	3		valid
GWISINFNORTH	TS	5/1/2007	07050873	87-68-3	Hexachlorobutadiene	N001	1	ug/L	U	F	1,000		valid
GWISINFNORTH	TS	5/1/2007	07050873	7439-92-1	Lead	0001	2.5	ug/L	U	F	2.5		valid
GWISINFNORTH	TS	5/1/2007	07050873	M&P XYLENE	m,p-Xylene	N001	2	ug/L	U	F	2		valid
GWISINFNORTH	TS	5/1/2007	07050873	7439-97-6	Mercury	N001	0.06	ug/L	UN	F	0.06	J	
GWISINFNORTH	TS	5/1/2007	07050873	75-09-2	Methylene chloride	N001	5	ug/L	U	F	5,000		valid
GWISINFNORTH	TS	5/1/2007	07050873	91-20-3	Naphthalene	N001	1	ug/L	U	F	1,000		valid
GWISINFNORTH	TS	5/1/2007	07050873	7440-02-0	Nickel	0001	1.9	ug/L	B	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.113	mg/L		F	0.01		valid
GWISINFNORTH	TS	5/1/2007	07050873	95-47-6	o-Xylene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	7782-49-2	Selenium	N001	6	ug/L	U	F	6		valid
GWISINFNORTH	TS	5/1/2007	07050873	7440-22-4	Silver	0001	5	ug/L	U	F	5		valid
GWISINFNORTH	TS	5/1/2007	07050873	100-42-5	Styrene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	127-18-4	Tetrachloroethene	N001	1	ug/L	U	F	1,000		valid
GWISINFNORTH	TS	5/1/2007	07050873	108-88-3	Toluene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	100-41-4	Total Xylene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	156-60-5	trans-1,2-Dichloroethene	N001	1	ug/L	U	F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	10061-02-6	trans-1,3-dichloropropene	N001	1	ug/L	U	F	1,000		valid
GWISINFNORTH	TS	5/1/2007	07050873	79-01-6	Trichloroethene	N001	1	ug/L	U	F	1,000		valid
GWISINFNORTH	TS	5/1/2007	07050873	U-234	Uranium-234	N001	1.62	pCi/L		F	0.131	0.25	valid
GWISINFNORTH	TS	5/1/2007	07050873	U-235+236	Uranium-235/236	N001	0.175	pCi/L		F	0.0622	0.0644	J
GWISINFNORTH	TS	5/1/2007	07050873	U-238	Uranium-238	N001	1.35	pCi/L		F	0.123	0.217	valid
GWISINFNORTH	TS	5/1/2007	07050873	75-01-4	Vinyl chloride	N001	1.72	ug/L		F	1		valid
GWISINFNORTH	TS	5/1/2007	07050873	7440-66-6	Zinc	0001	2	ug/L	U	F	2		valid
ITPHEAST	SL	5/31/2007	07060934	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	25	mg/L		F	0.096		valid
ITPHEAST	SL	5/31/2007	07060934	7440-61-1	Uranium	N001	20	ug/L		F	0.04		valid
ITPHEAST	SL	6/1/2007	07060934	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	47	mg/L		F	0.19		valid
ITPHWEST	SL	5/31/2007	07060934	7440-61-1	Uranium	N001	10	ug/L		F	0.04		valid
ITPHWEST	SL	5/31/2007	07060934	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	380	mg/L		F	1.900		valid
MOUND R1-0	TS	6/26/2007	07060977	71-55-6	1,1,1-Trichloroethane	N001	54	ug/L		F	0.1		valid
MOUND R1-0	TS	6/26/2007	07060977	71-55-6	1,1,1-Trichloroethane	N001	11	ug/L		F	0.160		valid

Appendix A
Analytical Results for Water Samples - Second Quarter of CY 2007

LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
MOUND R1-0	TS	6/26/2007	07060977	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
MOUND R1-0	TS	6/26/2007	07060977	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
MOUND R1-0	TS	6/26/2007	07060977	75-35-4	1,1-Dichloroethene	N001	5.2	ug/L		F	0.14		valid
MOUND R1-0	TS	6/26/2007	07060977	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.320		valid
MOUND R1-0	TS	6/26/2007	07060977	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.500		valid
MOUND R1-0	TS	6/26/2007	07060977	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.180		valid
MOUND R1-0	TS	6/26/2007	07060977	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
MOUND R1-0	TS	6/26/2007	07060977	107-06-2	1,2-Dichloroethane	N001	0.14	ug/L	J	F	0.130		valid
MOUND R1-0	TS	6/26/2007	07060977	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.130		valid
MOUND R1-0	TS	6/26/2007	07060977	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.160		valid
MOUND R1-0	TS	6/26/2007	07060977	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.160		valid
MOUND R1-0	TS	6/26/2007	07060977	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
MOUND R1-0	TS	6/26/2007	07060977	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
MOUND R1-0	TS	6/26/2007	07060977	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
MOUND R1-0	TS	6/26/2007	07060977	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
MOUND R1-0	TS	6/26/2007	07060977	56-23-5	Carbon tetrachloride	N001	3.4	ug/L		F	0.19	J	
MOUND R1-0	TS	6/26/2007	07060977	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
MOUND R1-0	TS	6/26/2007	07060977	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
MOUND R1-0	TS	6/26/2007	07060977	67-66-3	Chloroform	N001	4.1	ug/L		F	0.16		valid
MOUND R1-0	TS	6/26/2007	07060977	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
MOUND R1-0	TS	6/26/2007	07060977	156-59-2	cis-1,2-Dichloroethene	N001	320	ug/L		F	2		valid
MOUND R1-0	TS	6/26/2007	07060977	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
MOUND R1-0	TS	6/26/2007	07060977	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
MOUND R1-0	TS	6/26/2007	07060977	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
MOUND R1-0	TS	6/26/2007	07060977	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
MOUND R1-0	TS	6/26/2007	07060977	127-18-4	Tetrachloroethene	N001	6.8	ug/L		F	0.2		valid
MOUND R1-0	TS	6/26/2007	07060977	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
MOUND R1-0	TS	6/26/2007	07060977	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
MOUND R1-0	TS	6/26/2007	07060977	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
MOUND R1-0	TS	6/26/2007	07060977	156-60-5	trans-1,2-Dichloroethene	N001	0.3	ug/L	J	F	0.15		valid
MOUND R1-0	TS	6/26/2007	07060977	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
MOUND R1-0	TS	6/26/2007	07060977	79-01-6	Trichloroethene	N001	5.3	ug/L		F	0.16		valid
MOUND R1-0	TS	6/26/2007	07060977	75-01-4	Vinyl chloride	N001	12	ug/L		F	0.17		valid
MOUND R2-E	TS	6/26/2007	07060977	71-55-6	1,1,1-Trichloroethane	N001	0.43	ug/L	U	F	0.43		valid
MOUND R2-E	TS	6/26/2007	07060977	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.53	ug/L	U	F	0.53		valid
MOUND R2-E	TS	6/26/2007	07060977	79-00-5	1,1,2-Trichloroethane	N001	0.85	ug/L	U	F	0.85		valid
MOUND R2-E	TS	6/26/2007	07060977	75-35-4	1,1-Dichloroethene	N001	1.4	ug/L	J	F	0.37		valid
MOUND R2-E	TS	6/26/2007	07060977	120-82-1	1,2,4-Trichlorobenzene	N001	0.85	ug/L	U	F	0.85		valid
MOUND R2-E	TS	6/26/2007	07060977	96-12-8	1,2-Dibromo-3-chloropropane	N001	4	ug/L	U	F	4		valid
MOUND R2-E	TS	6/26/2007	07060977	106-93-4	1,2-Dibromoethane	N001	0.48	ug/L	U	F	0.48		valid
MOUND R2-E	TS	6/26/2007	07060977	95-50-1	1,2-Dichlorobenzene	N001	0.35	ug/L	U	F	0.35		valid
MOUND R2-E	TS	6/26/2007	07060977	107-06-2	1,2-Dichloroethane	N001	1.7	ug/L	J	F	0.35		valid
MOUND R2-E	TS	6/26/2007	07060977	78-87-5	1,2-Dichloropropane	N001	0.35	ug/L	U	F	0.35		valid
MOUND R2-E	TS	6/26/2007	07060977	541-73-1	1,3-Dichlorobenzene	N001	0.43	ug/L	U	F	0.43		valid
MOUND R2-E	TS	6/26/2007	07060977	106-46-7	1,4-Dichlorobenzene	N001	0.43	ug/L	U	F	0.43		valid
MOUND R2-E	TS	6/26/2007	07060977	71-43-2	Benzene	N001	1.4	ug/L	J	F	0.43		valid
MOUND R2-E	TS	6/26/2007	07060977	75-27-4	Bromodichloromethane	N001	0.45	ug/L	U	F	0.45		valid
MOUND R2-E	TS	6/26/2007	07060977	75-25-2	Bromoform	N001	0.51	ug/L	U	F	0.51		valid
MOUND R2-E	TS	6/26/2007	07060977	74-83-9	Bromomethane	N001	0.56	ug/L	U	F	0.56		valid
MOUND R2-E	TS	6/26/2007	07060977	56-23-5	Carbon tetrachloride	N001	0.51	ug/L	U	F	0.51		valid
MOUND R2-E	TS	6/26/2007	07060977	108-90-7	Chlorobenzene	N001	0.45	ug/L	U	F	0.45		valid
MOUND R2-E	TS	6/26/2007	07060977	124-48-1	Chlorodibromomethane	N001	0.45	ug/L	U	F	0.45		valid
MOUND R2-E	TS	6/26/2007	07060977	67-66-3	Chloroform	N001	0.43	ug/L	U	F	0.43		valid
MOUND R2-E	TS	6/26/2007	07060977	74-87-3	Chloromethane	N001	0.8	ug/L	U	F	0.8		valid
MOUND R2-E	TS	6/26/2007	07060977	156-59-2	cis-1,2-Dichloroethene	N001	590	ug/L		F	4		valid
MOUND R2-E	TS	6/26/2007	07060977	87-68-3	Hexachlorobutadiene	N001	0.32	ug/L	U	F	0.32		valid
MOUND R2-E	TS	6/26/2007	07060977	75-09-2	Methylene chloride	N001	2.6	ug/L	J	F	0.85		valid

Appendix A

Analytical Results for Water Samples - Second Quarter of CY 2007

LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
MOUND R2-E	TS	6/26/2007	07060977	91-20-3	Naphthalene	N001	0.59	ug/L	U	F	0.59		valid
MOUND R2-E	TS	6/26/2007	07060977	100-42-5	Styrene	N001	0.45	ug/L	U	F	0.45		valid
MOUND R2-E	TS	6/26/2007	07060977	127-18-4	Tetrachloroethene	N001	0.53	ug/L	U	F	0.53		valid
MOUND R2-E	TS	6/26/2007	07060977	108-88-3	Toluene	N001	0.45	ug/L	U	F	0.45		valid
MOUND R2-E	TS	6/26/2007	07060977	100-41-4	Total Xylene	N001	0.43	ug/L	U	F	0.43		valid
MOUND R2-E	TS	6/26/2007	07060977	1330-20-7	Total Xylenes	N001	0.51	ug/L	U	F	0.51		valid
MOUND R2-E	TS	6/26/2007	07060977	156-60-5	trans-1,2-Dichloroethene	N001	0.4	ug/L	U	F	0.4		valid
MOUND R2-E	TS	6/26/2007	07060977	10061-02-6	trans-1,3-dichloropropene	N001	0.51	ug/L	U	F	0.51		valid
MOUND R2-E	TS	6/26/2007	07060977	79-01-6	Trichloroethene	N001	0.43	ug/L	U	F	0.43		valid
MOUND R2-E	TS	6/26/2007	07060977	75-01-4	Vinyl chloride	N001	48	ug/L		F	0.45		valid
P210089	WL	5/30/2007	07050928	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	76	mg/L		F	0.19		valid
P210089	WL	5/30/2007	07050928	7440-61-1	Uranium	0001	20	ug/L		F	0.04		valid
P416589	WL	6/5/2007	07060935	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	6/5/2007	07060935	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
P416589	WL	6/5/2007	07060935	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
P416589	WL	6/5/2007	07060935	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
P416589	WL	6/5/2007	07060935	95-94-3	1,2,4,5-Tetrachlorobenzene	N001	2	ug/L	U	F	2		valid
P416589	WL	6/5/2007	07060935	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
P416589	WL	6/5/2007	07060935	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
P416589	WL	6/5/2007	07060935	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
P416589	WL	6/5/2007	07060935	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
P416589	WL	6/5/2007	07060935	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
P416589	WL	6/5/2007	07060935	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
P416589	WL	6/5/2007	07060935	122-66-7	1,2-Diphenylhydrazine	N001	0.64	ug/L	U	F	0.64		valid
P416589	WL	6/5/2007	07060935	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	6/5/2007	07060935	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	6/5/2007	07060935	105-67-9	2, 4-Dimethylphenol	N001	0.57	ug/L	U	F	0.57		valid
P416589	WL	6/5/2007	07060935	95-95-4	2,4,5-Trichlorophenol	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	88-06-2	2,4,6-Trichlorophenol	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	120-83-2	2,4-Dichlorophenol	N001	1.3	ug/L	U	F	1.3		valid
P416589	WL	6/5/2007	07060935	51-28-5	2,4-Dinitrophenol	N001	20	ug/L	U	F	20		valid
P416589	WL	6/5/2007	07060935	121-14-2	2,4-Dinitrotoluene	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	606-20-2	2,6-Dinitrotoluene	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	91-58-7	2-Chloronaphthalene	N001	1.7	ug/L	U	F	1.7		valid
P416589	WL	6/5/2007	07060935	95-57-8	2-Chlorophenol	N001	0.38	ug/L	U	F	0.38		valid
P416589	WL	6/5/2007	07060935	91-94-1	3,3'-Dichlorobenzidine	N001	2	ug/L	U	F	2		valid
P416589	WL	6/5/2007	07060935	534-52-1	4,6-Dinitro-2-methyl phenol	N001	20	ug/L	U	F	20		valid
P416589	WL	6/5/2007	07060935	59-50-7	4-Chloro-3-methylphenol	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	100-02-7	4-Nitrophenol	N001	1.7	ug/L	U	F	1.7		valid
P416589	WL	6/5/2007	07060935	83-32-9	Acenaphthene	N001	1.7	ug/L	U	F	1.7		valid
P416589	WL	6/5/2007	07060935	107-02-8	Acrolein	N001	2.8	ug/L	U	F	2.8		valid
P416589	WL	6/5/2007	07060935	107-13-1	Acrylonitrile	N001	1.4	ug/L	U	F	1.4		valid
P416589	WL	6/5/2007	07060935	120-12-7	Anthracene	N001	1.9	ug/L	U	F	1.9		valid
P416589	WL	6/5/2007	07060935	56-55-3	Benz(a)anthracene	N001	1.7	ug/L	U	F	1.7		valid
P416589	WL	6/5/2007	07060935	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	6/5/2007	07060935	92-87-5	Benzidine	N001	50	ug/L	U	F	50		valid
P416589	WL	6/5/2007	07060935	50-32-8	Benzo(a)pyrene	N001	1.3	ug/L	U	F	1.3		valid
P416589	WL	6/5/2007	07060935	205-99-2	Benzo(b)fluoranthene	N001	0.39	ug/L	U	F	0.39		valid
P416589	WL	6/5/2007	07060935	191-24-2	Benzo(g,h,i)Perylene	N001	1	ug/L	U	F	1		valid
P416589	WL	6/5/2007	07060935	207-08-9	Benzo(k)fluoranthene	N001	0.46	ug/L	U	F	0.46		valid
P416589	WL	6/5/2007	07060935	111-44-4	Bis(2-chloroethyl) ether	N001	3.9	ug/L	U	F	3.9		valid
P416589	WL	6/5/2007	07060935	108-60-1	Bis(2-chloroisopropyl) ether	N001	0.43	ug/L	U	F	0.43		valid
P416589	WL	6/5/2007	07060935	117-81-7	Bis(2-ethylhexyl) phthalate	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
P416589	WL	6/5/2007	07060935	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
P416589	WL	6/5/2007	07060935	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
P416589	WL	6/5/2007	07060935	85-68-7	Butyl benzyl phthalate	N001	5	ug/L	U	F	5		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
P416589	WL	6/5/2007	07060935	7440-43-9	Cadmium	N001	0.45	ug/L	U	F	0.45		valid
P416589	WL	6/5/2007	07060935	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
P416589	WL	6/5/2007	07060935	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
P416589	WL	6/5/2007	07060935	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
P416589	WL	6/5/2007	07060935	67-66-3	Chloroform	N001	0.2	ug/L	J	F	0.16	U	
P416589	WL	6/5/2007	07060935	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
P416589	WL	6/5/2007	07060935	218-01-9	Chrysene	N001	1	ug/L	U	F	1		valid
P416589	WL	6/5/2007	07060935	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
P416589	WL	6/5/2007	07060935	7440-50-8	Copper	N001	4.5	ug/L	U	F	4.5		valid
P416589	WL	6/5/2007	07060935	53-70-3	Dibenz(a,h)anthracene	N001	1.4	ug/L	U	F	1.4		valid
P416589	WL	6/5/2007	07060935	84-66-2	Diethyl phthalate	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	131-11-3	Dimethyl phthalate	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	84-74-2	Di-n-butyl phthalate	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	206-44-0	Fluoranthene	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	86-73-7	Fluorene	N001	1	ug/L	U	F	1		valid
P416589	WL	6/5/2007	07060935	118-74-1	Hexachlorobenzene	N001	2.1	ug/L	U	F	2.1		valid
P416589	WL	6/5/2007	07060935	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
P416589	WL	6/5/2007	07060935	77-47-4	Hexachlorocyclopentadiene	N001	1.5	ug/L	U	F	1.5		valid
P416589	WL	6/5/2007	07060935	67-72-1	Hexachloroethane	N001	0.46	ug/L	U	F	0.46		valid
P416589	WL	6/5/2007	07060935	193-39-5	Indeno(1,2,3-cd)pyrene	N001	1.5	ug/L	U	F	1.5		valid
P416589	WL	6/5/2007	07060935	78-59-1	Isophorone	N001	1.5	ug/L	U	F	1.5		valid
P416589	WL	6/5/2007	07060935	7439-92-1	Lead	N001	2.6	ug/L	U	F	2.6		valid
P416589	WL	6/5/2007	07060935	M&P XYLENE	m,p-Xylene	N001	0.34	ug/L	U	F	0.34		valid
P416589	WL	6/5/2007	07060935	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
P416589	WL	6/5/2007	07060935	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
P416589	WL	6/5/2007	07060935	7440-02-0	Nickel	N001	7.8	ug/L	U	F	7.8		valid
P416589	WL	6/5/2007	07060935	98-95-3	Nitrobenzene	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	924-16-3	N-Nitrosodibutylamine	N001	2	ug/L	U	F	2		valid
P416589	WL	6/5/2007	07060935	55-18-5	N-Nitrosodiethylamine	N001	1.1	ug/L	U	F	1.1		valid
P416589	WL	6/5/2007	07060935	62-75-9	N-Nitrosodimethylamine	N001	1.6	ug/L	U	F	1.6		valid
P416589	WL	6/5/2007	07060935	621-64-7	N-Nitrosodi-n-propylamine	N001	5	ug/L	U	F	5		valid
P416589	WL	6/5/2007	07060935	86-30-6	N-Nitrosodiphenylamine	N001	0.44	ug/L	U	F	0.44		valid
P416589	WL	6/5/2007	07060935	930-55-2	N-Nitrosopyrrolidine	N001	0.8	ug/L	U	F	0.8		valid
P416589	WL	6/5/2007	07060935	95-47-6	o-Xylene	N001	0.19	ug/L	U	F	0.19		valid
P416589	WL	6/5/2007	07060935	56-38-2	Parathion, ethyl	N001	2	ug/L	U	F	2		valid
P416589	WL	6/5/2007	07060935	608-93-5	Pentachlorobenzene	N001	2	ug/L	U	F	2		valid
P416589	WL	6/5/2007	07060935	87-86-5	Pentachlorophenol	N001	20	ug/L	U	F	20.000		valid
P416589	WL	6/5/2007	07060935	108-95-2	Phenol	N001	1.4	ug/L	U	F	1.4		valid
P416589	WL	6/5/2007	07060935	129-00-0	Pyrene	N001	0.37	ug/L	U	F	0.37		valid
P416589	WL	6/5/2007	07060935	7440-22-4	Silver	N001	2.8	ug/L	U	F	2.8		valid
P416589	WL	6/5/2007	07060935	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
P416589	WL	6/5/2007	07060935	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.200		valid
P416589	WL	6/5/2007	07060935	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
P416589	WL	6/5/2007	07060935	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	6/5/2007	07060935	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
P416589	WL	6/5/2007	07060935	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
P416589	WL	6/5/2007	07060935	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
P416589	WL	6/5/2007	07060935	7440-61-1	Uranium	N001	16	ug/L	U	F	16		valid
P416589	WL	6/5/2007	07060935	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
P416589	WL	6/5/2007	07060935	7440-66-6	Zinc	N001	6	ug/L	B	F	4.5	U	
PLFSEEPINF	TS	5/1/2007	07050873	71-55-6	1,1,1-Trichloroethane	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	79-34-5	1,1,2,2-Tetrachloroethane	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	79-00-5	1,1,2-Trichloroethane	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	75-35-4	1,1-Dichloroethene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	120-82-1	1,2,4-Trichlorobenzene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	96-12-8	1,2-Dibromo-3-chloropropane	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	106-93-4	1,2-Dibromoethane	N001	1	ug/L	U	F	1		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
PLFSEEPINF	TS	5/1/2007	07050873	95-50-1	1,2-Dichlorobenzene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	107-06-2	1,2-Dichloroethane	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	78-87-5	1,2-Dichloropropane	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	541-73-1	1,3-Dichlorobenzene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	106-46-7	1,4-Dichlorobenzene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	107-02-8	Acrolein	N001	5	ug/L	U	F	5		valid
PLFSEEPINF	TS	5/1/2007	07050873	107-13-1	Acrylonitrile	N001	5	ug/L	U	F	5		valid
PLFSEEPINF	TS	5/1/2007	07050873	7440-38-2	Arsenic	N001	13.4	ug/L	B	F	6		valid
PLFSEEPINF	TS	5/1/2007	07050873	71-43-2	Benzene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	7440-42-8	Boron	N001	1860	ug/L		F	10		valid
PLFSEEPINF	TS	5/1/2007	07050873	75-27-4	Bromodichloromethane	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	75-25-2	Bromoform	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	74-83-9	Bromomethane	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	7440-43-9	Cadmium	N001	1.1	ug/L	B	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	56-23-5	Carbon tetrachloride	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	108-90-7	Chlorobenzene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	124-48-1	Chlorodibromomethane	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	67-66-3	Chloroform	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	74-87-3	Chloromethane	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	7440-47-3	Chromium	N001	1.3	ug/L	B	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	156-59-2	cis-1,2-Dichloroethylene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	7440-50-8	Copper	0001	3	ug/L	U	F	3		valid
PLFSEEPINF	TS	5/1/2007	07050873	87-68-3	Hexachlorobutadiene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	7439-92-1	Lead	0001	2.5	ug/L	U	F	2.5		valid
PLFSEEPINF	TS	5/1/2007	07050873	M&P XYLENE	m,p-Xylene	N001	2	ug/L	U	F	2		valid
PLFSEEPINF	TS	5/1/2007	07050873	7439-97-6	Mercury	N001	0.06	ug/L	UN	F	0.06	J	
PLFSEEPINF	TS	5/1/2007	07050873	75-09-2	Methylene chloride	N001	5	ug/L	U	F	5		valid
PLFSEEPINF	TS	5/1/2007	07050873	91-20-3	Naphthalene	N001	0.63	ug/L	BJ	F	1		U
PLFSEEPINF	TS	5/1/2007	07050873	7440-02-0	Nickel	0001	8.1	ug/L	B	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	95-47-6	o-Xylene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	7782-49-2	Selenium	N001	18.1	ug/L	B	F	6		valid
PLFSEEPINF	TS	5/1/2007	07050873	7440-22-4	Silver	0001	5	ug/L	U	F	5		valid
PLFSEEPINF	TS	5/1/2007	07050873	100-42-5	Styrene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	127-18-4	Tetrachloroethylene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	108-88-3	Toluene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	100-41-4	Total Xylene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	156-60-5	trans-1,2-Dichloroethylene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	10061-02-6	trans-1,3-dichloropropene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	79-01-6	Trichloroethylene	N001	1	ug/L	U	F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	U-234	Uranium-234	N001	1.72	pCi/L		F	0.123	0.268	valid
PLFSEEPINF	TS	5/1/2007	07050873	U-235+236	Uranium-235/236	N001	0.162	pCi/L		F	0.0728	0.0691	J
PLFSEEPINF	TS	5/1/2007	07050873	U-238	Uranium-238	N001	1.35	pCi/L		F	0.115	0.225	valid
PLFSEEPINF	TS	5/1/2007	07050873	75-01-4	Vinyl chloride	N001	1.54	ug/L		F	1		valid
PLFSEEPINF	TS	5/1/2007	07050873	7440-66-6	Zinc	0001	2	ug/L	U	F	2		valid
PLFSYSEFF	TS	5/1/2007	07050873	71-55-6	1,1,1-Trichloroethane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	79-34-5	1,1,2,2-Tetrachloroethane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	79-00-5	1,1,2-Trichloroethane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	75-35-4	1,1-Dichloroethene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	95-94-3	1,2,4,5-Tetrachlorobenzene	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	120-82-1	1,2,4-Trichlorobenzene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	96-12-8	1,2-Dibromo-3-chloropropane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	106-93-4	1,2-Dibromoethane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	95-50-1	1,2-Dichlorobenzene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	107-06-2	1,2-Dichloroethane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	78-87-5	1,2-Dichloropropane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	122-66-7	1,2-Diphenylhydrazine	N001	10.2	ug/L	U	F	10.2		valid

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PLFSYSEFF	TS	5/1/2007	07050873	541-73-1	1,3-Dichlorobenzene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	106-46-7	1,4-Dichlorobenzene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	105-67-9	2, 4-Dimethylphenol	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	95-95-4	2,4,5-Trichlorophenol	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	88-06-2	2,4,6-Trichlorophenol	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	120-83-2	2,4-Dichlorophenol	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	51-28-5	2,4-Dinitrophenol	N001	20.4	ug/L	U	F	20.4		valid
PLFSYSEFF	TS	5/1/2007	07050873	121-14-2	2,4-Dinitrotoluene	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	606-20-2	2,6-Dinitrotoluene	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	91-58-7	2-Chloronaphthalene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	95-57-8	2-Chlorophenol	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	91-94-1	3,3'-Dichlorobenzidine	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	534-52-1	4,6-Dinitro-2-methyl phenol	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	59-50-7	4-Chloro-3-methylphenol	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	100-02-7	4-Nitrophenol	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	83-32-9	Acenaphthene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	107-02-8	Acrolein	N001	5	ug/L	U	F	5		valid
PLFSYSEFF	TS	5/1/2007	07050873	107-13-1	Acrylonitrile	N001	5	ug/L	U	F	5		valid
PLFSYSEFF	TS	5/1/2007	07050873	120-12-7	Anthracene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	7440-38-2	Arsenic	N001	12.1	ug/L	B	F	6		valid
PLFSYSEFF	TS	5/1/2007	07050873	56-55-3	Benz(a)anthracene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	71-43-2	Benzene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	92-87-5	Benzidine	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	50-32-8	Benz(a)pyrene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	205-99-2	Benzo(b)fluoranthene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	191-24-2	Benzo(g,h,i)Perylene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	207-08-9	Benzo(k)fluoranthene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	111-44-4	Bis(2-chloroethyl) ether	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	108-60-1	Bis(2-chloroisopropyl) ether	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	117-81-7	Bis(2-ethylhexyl) phthalate	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	7440-42-8	Boron	N001	588	ug/L	F		10		valid
PLFSYSEFF	TS	5/1/2007	07050873	75-27-4	Bromodichloromethane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	75-25-2	Bromoform	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	74-83-9	Bromomethane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	85-68-7	Butyl benzyl phthalate	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	7440-43-9	Cadmium	N001	1.4	ug/L	B	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	56-23-5	Carbon tetrachloride	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	108-90-7	Chlorobenzene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	124-48-1	Chlorodibromomethane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	67-66-3	Chloroform	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	74-87-3	Chloromethane	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	7440-47-3	Chromium	N001	1.4	ug/L	B	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	218-01-9	Chrysene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	156-59-2	cis-1,2-Dichloroethene	N001	0.327	ug/L	J	F	1.000		valid
PLFSYSEFF	TS	5/1/2007	07050873	7440-50-8	Copper	N001	3	ug/L	U	F	3		valid
PLFSYSEFF	TS	5/1/2007	07050873	53-70-3	Dibenz(a,h)anthracene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	84-66-2	Diethyl phthalate	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	131-11-3	Dimethyl phthalate	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	84-74-2	Di-n-butyl phthalate	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	206-44-0	Fluoranthene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	86-73-7	Fluorene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	118-74-1	Hexachlorobenzene	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	87-68-3	Hexachlorobutadiene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	77-47-4	Hexachlorocyclopentadiene	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	67-72-1	Hexachloroethane	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	193-39-5	Indeno(1,2,3-cd)pyrene	N001	1.02	ug/L	U	F	1.02		valid

Appendix A

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
PLFSYSEFF	TS	5/1/2007	07050873	78-59-1	Isophorone	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	7439-92-1	Lead	0001	2.5	ug/L	U	F	2.5		valid
PLFSYSEFF	TS	5/1/2007	07050873	M&P XYLENE	m,p-Xylene	N001	2	ug/L	U	F	2		valid
PLFSYSEFF	TS	5/1/2007	07050873	7439-97-6	Mercury	N001	0.06	ug/L	UN	F	0.06	J	
PLFSYSEFF	TS	5/1/2007	07050873	75-09-2	Methylene chloride	N001	5	ug/L	U	F	5		valid
PLFSYSEFF	TS	5/1/2007	07050873	91-20-3	Naphthalene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	7440-02-0	Nickel	0001	8.5	ug/L	B	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	98-95-3	Nitrobenzene	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	924-16-3	N-Nitrosodibutylamine	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	55-18-5	N-Nitrosodiethylamine	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	62-75-9	N-Nitrosodimethylamine	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	621-64-7	N-Nitrosodi-n-propylamine	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	930-55-2	N-Nitrosopyrrolidine	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	95-47-6	o-Xylene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	56-38-2	Parathion, ethyl	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	608-93-5	Pentachlorobenzene	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	87-86-5	Pentachlorophenol	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	108-95-2	Phenol	N001	10.2	ug/L	U	F	10.2		valid
PLFSYSEFF	TS	5/1/2007	07050873	129-00-0	Pyrene	N001	1.02	ug/L	U	F	1.02		valid
PLFSYSEFF	TS	5/1/2007	07050873	7782-49-2	Selenium	N001	8.5	ug/L	B	F	6		valid
PLFSYSEFF	TS	5/1/2007	07050873	7440-22-4	Silver	0001	5	ug/L	U	F	5		valid
PLFSYSEFF	TS	5/1/2007	07050873	100-42-5	Styrene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	127-18-4	Tetrachloroethene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	108-88-3	Toluene	N001	1	ug/L	U	F	1.000		valid
PLFSYSEFF	TS	5/1/2007	07050873	100-41-4	Total Xylene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	156-60-5	trans-1,2-Dichloroethene	N001	1	ug/L	U	F	1.000		valid
PLFSYSEFF	TS	5/1/2007	07050873	10061-02-6	trans-1,3-dichloropropene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	79-01-6	Trichloroethene	N001	1	ug/L	U	F	1		valid
PLFSYSEFF	TS	5/1/2007	07050873	U-234	Uranium-234	N001	1.95	pCi/L		F	0.116	0.284	valid
PLFSYSEFF	TS	5/1/2007	07050873	U-235+236	Uranium-235/236	N001	0.148	pCi/L		F	0.0688	0.059	J
PLFSYSEFF	TS	5/1/2007	07050873	U-238	Uranium-238	N001	1.7	pCi/L		F	0.109	0.256	valid
PLFSYSEFF	TS	5/1/2007	07050873	75-01-4	Vinyl chloride	N001	0.803	ug/L	J	F	1.000		valid
PLFSYSEFF	TS	5/1/2007	07050873	7440-66-6	Zinc	0001	2	ug/L	U	F	2		valid
PLFSYSEFF	TS	6/5/2007	07060944	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	6/5/2007	07060944	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
PLFSYSEFF	TS	6/5/2007	07060944	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
PLFSYSEFF	TS	6/5/2007	07060944	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
PLFSYSEFF	TS	6/5/2007	07060944	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
PLFSYSEFF	TS	6/5/2007	07060944	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
PLFSYSEFF	TS	6/5/2007	07060944	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
PLFSYSEFF	TS	6/5/2007	07060944	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	6/5/2007	07060944	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	6/5/2007	07060944	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
PLFSYSEFF	TS	6/5/2007	07060944	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	6/5/2007	07060944	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	6/5/2007	07060944	71-43-2	Benzene	N001	0.7	ug/L	J	F	0.16		valid
PLFSYSEFF	TS	6/5/2007	07060944	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	6/5/2007	07060944	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	6/5/2007	07060944	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
PLFSYSEFF	TS	6/5/2007	07060944	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	6/5/2007	07060944	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	6/5/2007	07060944	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	6/5/2007	07060944	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	6/5/2007	07060944	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
PLFSYSEFF	TS	6/5/2007	07060944	156-59-2	cis-1,2-Dichloroethene	N001	0.19	ug/L	J	F	0.15		valid
PLFSYSEFF	TS	6/5/2007	07060944	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
PLFSYSEFF	TS	6/5/2007	07060944	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid

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LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
PLFSYSEFF	TS	6/5/2007	07060944	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
PLFSYSEFF	TS	6/5/2007	07060944	7782-49-2	Selenium	N001	5	ug/L		F	3.5		J
PLFSYSEFF	TS	6/5/2007	07060944	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
PLFSYSEFF	TS	6/5/2007	07060944	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
PLFSYSEFF	TS	6/5/2007	07060944	108-88-3	Toluene	N001	0.22	ug/L	J	F	0.17		valid
PLFSYSEFF	TS	6/5/2007	07060944	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	6/5/2007	07060944	1330-20-7	Total Xylenes	N001	0.83	ug/L	J	F	0.190		valid
PLFSYSEFF	TS	6/5/2007	07060944	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
PLFSYSEFF	TS	6/5/2007	07060944	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
PLFSYSEFF	TS	6/5/2007	07060944	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
PLFSYSEFF	TS	6/5/2007	07060944	75-01-4	Vinyl chloride	N001	1.4	ug/L		F	0.17		valid
POM2	SL	6/5/2007	07060944	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.160		valid
POM2	SL	6/5/2007	07060944	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
POM2	SL	6/5/2007	07060944	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
POM2	SL	6/5/2007	07060944	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
POM2	SL	6/5/2007	07060944	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
POM2	SL	6/5/2007	07060944	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.500		valid
POM2	SL	6/5/2007	07060944	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
POM2	SL	6/5/2007	07060944	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.130		valid
POM2	SL	6/5/2007	07060944	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
POM2	SL	6/5/2007	07060944	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
POM2	SL	6/5/2007	07060944	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
POM2	SL	6/5/2007	07060944	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
POM2	SL	6/5/2007	07060944	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
POM2	SL	6/5/2007	07060944	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
POM2	SL	6/5/2007	07060944	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
POM2	SL	6/5/2007	07060944	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
POM2	SL	6/5/2007	07060944	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
POM2	SL	6/5/2007	07060944	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
POM2	SL	6/5/2007	07060944	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
POM2	SL	6/5/2007	07060944	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
POM2	SL	6/5/2007	07060944	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
POM2	SL	6/5/2007	07060944	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
POM2	SL	6/5/2007	07060944	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
POM2	SL	6/5/2007	07060944	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
POM2	SL	6/5/2007	07060944	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
POM2	SL	6/5/2007	07060944	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
POM2	SL	6/5/2007	07060944	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
POM2	SL	6/5/2007	07060944	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
POM2	SL	6/5/2007	07060944	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
POM2	SL	6/5/2007	07060944	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
POM2	SL	6/5/2007	07060944	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
POM2	SL	6/5/2007	07060944	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
POM2	SL	6/5/2007	07060944	79-01-6	Trichloroethene	N001	0.16	ug/L	U	F	0.16		valid
POM2	SL	6/5/2007	07060944	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
SPIN	TS	4/3/2007	07040819	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	200	mg/L		F	1.9		valid
SPIN	TS	4/3/2007	07040819	7440-61-1	Uranium	N001	37	ug/L		F	0.02		valid
SPIN	TS	4/12/2007	07040833	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	210	mg/L		F	1.9		valid
SPIN	TS	4/12/2007	07040833	7440-61-1	Uranium	N001	39	ug/L		F	0.02		valid
SPIN	TS	4/23/2007	07040861	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	230	mg/L		F	1.9		valid
SPIN	TS	4/23/2007	07040861	7440-61-1	Uranium	N001	43	ug/L		F	0.04		valid
SPIN	TS	5/8/2007	07050883	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	200	mg/L		F	1.9		J
SPIN	TS	5/8/2007	07050883	7440-61-1	Uranium	0001	44	ug/L		F	0.04		valid
SPIN	TS	5/8/2007	07050883	7440-61-1	Uranium	N001	46	ug/L		F	0.04		valid
SPIN	TS	5/18/2007	07050903	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	360	mg/L		F	1.9		valid
SPIN	TS	5/18/2007	07050903	7440-61-1	Uranium	0001	52	ug/L		F	0.04		J
SPIN	TS	5/18/2007	07050903	7440-61-1	Uranium	N001	51	ug/L		F	0.04		J

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SPIN	TS	6/13/2007	07060962	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	230	mg/L	F	0.96		valid	
SPIN	TS	6/13/2007	07060962	7440-61-1	Uranium	N001	59	ug/L	F	0.02		valid	
SPPDISCHARGE GALLERY	TS	4/3/2007	07040819	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	530	mg/L	F	1.9		valid	
SPPDISCHARGE GALLERY	TS	4/3/2007	07040819	7440-61-1	Uranium	N001	77	ug/L	F	0.02		valid	
SPPDISCHARGE GALLERY	TS	4/12/2007	07040833	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	580	mg/L	F	1.9		valid	
SPPDISCHARGE GALLERY	TS	4/12/2007	07040833	7440-61-1	Uranium	N001	83	ug/L	F	0.02		valid	
SPPDISCHARGE GALLERY	TS	4/23/2007	07040861	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	640	mg/L	F	1.9		valid	
SPPDISCHARGE GALLERY	TS	4/23/2007	07040861	7440-61-1	Uranium	N001	96	ug/L	F	0.04		valid	
SPPDISCHARGE GALLERY	TS	5/8/2007	07050883	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	420	mg/L	F	1.9		J	
SPPDISCHARGE GALLERY	TS	5/8/2007	07050883	7440-61-1	Uranium	N001	64	ug/L	F	0.04		valid	
SPPDISCHARGE GALLERY	TS	5/18/2007	07050903	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	450	mg/L	F	1.9		valid	
SPPDISCHARGE GALLERY	TS	5/18/2007	07050903	7440-61-1	Uranium	N001	78	ug/L	F	0.04		J	
SPPDISCHARGE GALLERY	TS	5/31/2007	07060934	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	750	mg/L	F	1.9		valid	
SPPDISCHARGE GALLERY	TS	5/31/2007	07060934	7440-61-1	Uranium	N001	63	ug/L	F	0.1		valid	
SPPDISCHARGE GALLERY	TS	6/1/2007	07060934	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	250	mg/L	F	1.9		valid	
SPPDISCHARGE GALLERY	TS	6/1/2007	07060934	7440-61-1	Uranium	N001	59	ug/L	F	0.1		valid	
SPPDISCHARGE GALLERY	TS	6/13/2007	07060962	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	300	mg/L	F	1.9		valid	
SPPDISCHARGE GALLERY	TS	6/13/2007	07060962	7440-61-1	Uranium	N001	76	ug/L	F	0.02		valid	
SPPMM01	TS	4/3/2007	07040819	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	29	mg/L	F	0.19		valid	
SPPMM01	TS	4/3/2007	07040819	7440-61-1	Uranium	N001	19	ug/L	F	0.02		valid	
SPPMM01	TS	4/12/2007	07040833	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	10	mg/L	F	0.19		valid	
SPPMM01	TS	4/12/2007	07040833	7440-61-1	Uranium	N001	26	ug/L	F	0.02		valid	
SPPMM01	TS	4/23/2007	07040861	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	24	mg/L	F	0.19		valid	
SPPMM01	TS	4/23/2007	07040861	7440-61-1	Uranium	N001	13	ug/L	F	0.04		valid	
SPPMM01	TS	5/3/2007	07060968	AM-241	Americium-241	N002	-0.000905	pCi/L	U	D	0.0239	0.0104	valid
SPPMM01	TS	5/3/2007	07060968	PU-239, 240	Plutonium-239, 240	N002	0.00627	pCi/L	U	D	0.0141	0.00584	valid
SPPMM01	TS	5/8/2007	07050883	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	14	mg/L	F	0.19		J	
SPPMM01	TS	5/8/2007	07050883	7440-61-1	Uranium	N001	2.1	ug/L	F	0.02		valid	
SPPMM01	TS	5/8/2007	07050883	7440-61-1	Uranium	N001	2.1	ug/L	F	0.02		valid	
SPPMM01	TS	5/18/2007	07050903	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	0.35	mg/L	F	0.019		valid	
SPPMM01	TS	5/18/2007	07050903	7440-61-1	Uranium	N001	1.1	ug/L	F	0.02		J	
SPPMM01	TS	5/18/2007	07050903	7440-61-1	Uranium	N001	1.2	ug/L	F	0.02		J	
SPPMM01	TS	6/13/2007	07060962	NO3+NO2 AS N	Nitrate + Nitrite as Nitrogen	N001	3	mg/L	F	0.019		valid	
SPPMM01	TS	6/13/2007	07060962	7440-61-1	Uranium	N001	1.8	ug/L	F	0.02		valid	
SW018	SL	4/9/2007	07040866	AM-241	Americium-241	N001	-0.00323	pCi/L	U	F	0.0224	0.0121	valid
SW018	SL	4/9/2007	07040866	PU-239, 240	Plutonium-239, 240	N001	0.0103	pCi/L	U	F	0.0212	0.0089	valid
SW018	SL	4/25/2007	07050898	AM-241	Americium-241	N001	-0.00409	pCi/L	U	F	0.0222	0.00979	valid
SW018	SL	4/25/2007	07050898	PU-239, 240	Plutonium-239, 240	N001	0.00133	pCi/L	U	F	0.0201	0.0082	valid
SW018	SL	5/14/2007	07071017	AM-241	Americium-241	N001	0.00794	pCi/L	U	F	0.0238	0.00612	valid
SW018	SL	5/14/2007	07071017	PU-239, 240	Plutonium-239, 240	N001	0.000852	pCi/L	U	F	0.00816	0.00373	valid
SW018	SL	6/5/2007	07060944	71-55-6	1,1,1-Trichloroethane	N001	0.16	ug/L	U	F	0.16		valid
SW018	SL	6/5/2007	07060944	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
SW018	SL	6/5/2007	07060944	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
SW018	SL	6/5/2007	07060944	75-35-4	1,1-Dichloroethene	N001	0.14	ug/L	U	F	0.14		valid
SW018	SL	6/5/2007	07060944	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
SW018	SL	6/5/2007	07060944	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
SW018	SL	6/5/2007	07060944	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
SW018	SL	6/5/2007	07060944	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
SW018	SL	6/5/2007	07060944	107-06-2	1,2-Dichloroethane	N001	0.13	ug/L	U	F	0.13		valid
SW018	SL	6/5/2007	07060944	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
SW018	SL	6/5/2007	07060944	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
SW018	SL	6/5/2007	07060944	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
SW018	SL	6/5/2007	07060944	71-43-2	Benzene	N001	0.16	ug/L	U	F	0.16		valid
SW018	SL	6/5/2007	07060944	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
SW018	SL	6/5/2007	07060944	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
SW018	SL	6/5/2007	07060944	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid
SW018	SL	6/5/2007	07060944	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid

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SW018	SL	6/5/2007	07060944	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
SW018	SL	6/5/2007	07060944	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
SW018	SL	6/5/2007	07060944	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
SW018	SL	6/5/2007	07060944	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
SW018	SL	6/5/2007	07060944	156-59-2	cis-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
SW018	SL	6/5/2007	07060944	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
SW018	SL	6/5/2007	07060944	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
SW018	SL	6/5/2007	07060944	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
SW018	SL	6/5/2007	07060944	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
SW018	SL	6/5/2007	07060944	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
SW018	SL	6/5/2007	07060944	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
SW018	SL	6/5/2007	07060944	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
SW018	SL	6/5/2007	07060944	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
SW018	SL	6/5/2007	07060944	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
SW018	SL	6/5/2007	07060944	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
SW018	SL	6/5/2007	07060944	79-01-6	Trichloroethene	N001	0.25	ug/L	J	F	0.16		valid
SW018	SL	6/5/2007	07060944	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid
SW093	SL	4/9/2007	07040866	AM-241	Americium-241	N001	0.0043	pCi/L	U	F	0.0235	0.00651	valid
SW093	SL	4/9/2007	07040866	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
SW093	SL	4/9/2007	07040866	7440-43-9	Cadmium	0001	0.1	ug/L	U	F	0.1		valid
SW093	SL	4/9/2007	07040866	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
SW093	SL	4/9/2007	07040866	HARDNESS	Hardness	N001	308	mg/L		F	1		valid
SW093	SL	4/9/2007	07040866	PU-239,240	Plutonium-239, 240	N001	0.0186	pCi/L	U	F	0.0241	0.0108	valid
SW093	SL	4/9/2007	07040866	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
SW093	SL	4/9/2007	07040866	U-234	Uranium-234	N001	2.81	pCi/L		F	0.0523	0.346	valid
SW093	SL	4/9/2007	07040866	U-235+236	Uranium-235/236	N001	0.14	pCi/L		F	0.031	0.0391	valid
SW093	SL	4/9/2007	07040866	U-238	Uranium-238	N001	2.26	pCi/L		F	0.0491	0.284	valid
SW093	SL	4/19/2007	07040866	AM-241	Americium-241	N001	-0.000797	pCi/L	U	F	0.0205	0.0105	valid
SW093	SL	4/19/2007	07040866	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
SW093	SL	4/19/2007	07040866	7440-43-9	Cadmium	0001	0.16	ug/L	B	F	0.1		valid
SW093	SL	4/19/2007	07040866	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
SW093	SL	4/19/2007	07040866	HARDNESS	Hardness	N001	252	mg/L		F	1		valid
SW093	SL	4/19/2007	07040866	PU-239,240	Plutonium-239, 240	N001	0.0103	pCi/L	U	F	0.0212	0.00892	valid
SW093	SL	4/19/2007	07040866	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
SW093	SL	4/19/2007	07040866	U-234	Uranium-234	N001	3.27	pCi/L		F	0.0493	0.393	valid
SW093	SL	4/19/2007	07040866	U-235+236	Uranium-235/236	N001	0.186	pCi/L		F	0.0293	0.0451	valid
SW093	SL	4/19/2007	07040866	U-238	Uranium-238	N001	2.27	pCi/L		F	0.0464	0.282	valid
SW093	SL	4/24/2007	07040866	AM-241	Americium-241	N001	0.00322	pCi/L	U	F	0.0215	0.00729	valid
SW093	SL	4/24/2007	07040866	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
SW093	SL	4/24/2007	07040866	7440-43-9	Cadmium	0001	0.15	ug/L	B	F	0.1		valid
SW093	SL	4/24/2007	07040866	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
SW093	SL	4/24/2007	07040866	HARDNESS	Hardness	N001	119	mg/L		F	1		valid
SW093	SL	4/24/2007	07040866	PU-239,240	Plutonium-239, 240	N001	0.00984	pCi/L	U	F	0.0191	0.00899	valid
SW093	SL	4/24/2007	07040866	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
SW093	SL	4/24/2007	07040865	TSS	Total Suspended Solids	N001	150	mg/L		F	1.1		valid
SW093	SL	4/24/2007	07040866	U-234	Uranium-234	N001	1.95	pCi/L		F	0.0473	0.244	valid
SW093	SL	4/24/2007	07040866	U-235+236	Uranium-235/236	N001	0.112	pCi/L		F	0.0281	0.0329	valid
SW093	SL	4/24/2007	07040866	U-238	Uranium-238	N001	1.35	pCi/L		F	0.0445	0.177	valid
SW093	SL	4/25/2007	07050876	AM-241	Americium-241	N001	-0.000829	pCi/L	U	F	0.0208	0.00975	valid
SW093	SL	4/25/2007	07050876	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
SW093	SL	4/25/2007	07050876	7440-43-9	Cadmium	0001	0.1	ug/L	U	F	0.1		valid
SW093	SL	4/25/2007	07050876	7440-47-3	Chromium	N001	1.2	ug/L	B	F	1		valid
SW093	SL	4/25/2007	07050876	HARDNESS	Hardness	N001	174	mg/L		F	1		valid
SW093	SL	4/25/2007	07050876	PU-239,240	Plutonium-239, 240	N001	0.000261	pCi/L	U	F	0.0204	0.00805	valid
SW093	SL	4/25/2007	07050876	7440-22-4	Silver	0001	0.2	ug/L	U	F	0.2		valid
SW093	SL	4/25/2007	07050876	U-234	Uranium-234	N001	2.08	pCi/L		F	0.16	0.316	valid
SW093	SL	4/25/2007	07050876	U-235+236	Uranium-235/236	N001	0.19	pCi/L		F	0.0952	0.081	J

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SW093	SL	4/25/2007	07050876	U-238	Uranium-238	N001	1.72	pCi/L	U	F	0.151	0.274	valid
SW093	SL	5/1/2007	07050884	AM-241	Americium-241	N001	0.00548	pCi/L	U	F	0.024	0.00816	valid
SW093	SL	5/1/2007	07050884	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
SW093	SL	5/1/2007	07050884	7440-43-9	Cadmium	N001	0.1	ug/L	U	F	0.1		valid
SW093	SL	5/1/2007	07050884	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
SW093	SL	5/1/2007	07050884	HARDNESS	Hardness	N001	252	mg/L		F	1		valid
SW093	SL	5/1/2007	07050884	PU-239,240	Plutonium-239, 240	N001	0.0125	pCi/L	U	F	0.0235	0.0078	valid
SW093	SL	5/1/2007	07050884	7440-22-4	Silver	N001	0.2	ug/L	U	F	0.2		valid
SW093	SL	5/1/2007	07050884	U-234	Uranium-234	N001	3.39	pCi/L		F	0.0509	0.408	valid
SW093	SL	5/1/2007	07050884	U-235+236	Uranium-235/236	N001	0.171	pCi/L		F	0.0302	0.0434	valid
SW093	SL	5/1/2007	07050884	U-238	Uranium-238	N001	2.58	pCi/L		F	0.0478	0.318	valid
SW093	SL	5/6/2007	07050919	AM-241	Americium-241	N001	0.00893	pCi/L	U	F	0.0228	0.011	valid
SW093	SL	5/6/2007	07050919	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
SW093	SL	5/6/2007	07050919	7440-43-9	Cadmium	N001	0.1	ug/L	U	F	0.1		valid
SW093	SL	5/6/2007	07050919	7440-47-3	Chromium	N001	1.4	ug/L	B	F	1		valid
SW093	SL	5/6/2007	07050919	HARDNESS	Hardness	N001	319	mg/L		F	2		valid
SW093	SL	5/6/2007	07050919	PU-239,240	Plutonium-239, 240	N001	0.0173	pCi/L	U	F	0.0197	0.0104	valid
SW093	SL	5/6/2007	07050919	7440-22-4	Silver	N001	0.2	ug/L	U	F	0.2		valid
SW093	SL	5/6/2007	07050919	U-234	Uranium-234	N001	2.42	pCi/L		F	0.0254	0.297	valid
SW093	SL	5/6/2007	07050919	U-235+236	Uranium-235/236	N001	0.11	pCi/L		F	0.0294	0.0301	valid
SW093	SL	5/6/2007	07050919	U-238	Uranium-238	N001	1.97	pCi/L		F	0.0316	0.246	valid
SW093	SL	5/24/2007	07060969	AM-241	Americium-241	N001	0.0141	pCi/L	U	F	0.0295	0.0132	valid
SW093	SL	5/24/2007	07060969	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
SW093	SL	5/24/2007	07060969	7440-43-9	Cadmium	N001	0.1	ug/L	U	F	0.1		valid
SW093	SL	5/24/2007	07060969	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
SW093	SL	5/24/2007	07060969	HARDNESS	Hardness	N001	451	mg/L		F	2		valid
SW093	SL	5/24/2007	07060969	PU-239,240	Plutonium-239, 240	N001	0.0197	pCi/L		F	0.0163	0.00981	J
SW093	SL	5/24/2007	07060969	7440-22-4	Silver	N001	0.2	ug/L	U	F	0.2		valid
SW093	SL	5/24/2007	07060969	U-234	Uranium-234	N001	3.31	pCi/L		F	0.0177	0.397	valid
SW093	SL	5/24/2007	07060969	U-235+236	Uranium-235/236	N001	0.135	pCi/L		F	0.0236	0.0324	valid
SW093	SL	5/24/2007	07060969	U-238	Uranium-238	N001	2.81	pCi/L		F	0.0234	0.341	valid
SW093	SL	6/19/2007	07071068	AM-241	Americium-241	N001	0.0233	pCi/L	U	F	0.0647	0.036	J
SW093	SL	6/19/2007	07071068	7440-41-7	Beryllium	N001	1	ug/L	U	F	1		valid
SW093	SL	6/19/2007	07071068	7440-43-9	Cadmium	N001	0.11	ug/L	U	F	0.11		valid
SW093	SL	6/19/2007	07071068	7440-47-3	Chromium	N001	1	ug/L	U	F	1		valid
SW093	SL	6/19/2007	07071068	HARDNESS	Hardness	N001	518	mg/L		F	2		valid
SW093	SL	6/19/2007	07071068	PU-239,240	Plutonium-239, 240	N001	0.0402	pCi/L		F	0.0194	0.0138	J
SW093	SL	6/19/2007	07071068	7440-22-4	Silver	N001	0.2	ug/L	U	F	0.2		valid
SW093	SL	6/19/2007	07071068	U-234	Uranium-234	N001	5.08	pCi/L		F	0.174	0.761	valid
SW093	SL	6/19/2007	07071068	U-235+236	Uranium-235/236	N001	0.0904	pCi/L		F	0.148	0.225	valid
SW093	SL	6/19/2007	07071068	U-238	Uranium-238	N001	3.99	pCi/L		F	0.233	0.634	valid
TH046992	WL	5/24/2007	07050928	71-55-6	1,1,1-Trichloroethane	N001	0.73	ug/L	J	F	0.160		valid
TH046992	WL	5/24/2007	07050928	79-34-5	1,1,2,2-Tetrachloroethane	N001	0.2	ug/L	U	F	0.2		valid
TH046992	WL	5/24/2007	07050928	79-00-5	1,1,2-Trichloroethane	N001	0.32	ug/L	U	F	0.32		valid
TH046992	WL	5/24/2007	07050928	75-35-4	1,1-Dichloroethene	N001	6.9	ug/L		F	0.14		valid
TH046992	WL	5/24/2007	07050928	120-82-1	1,2,4-Trichlorobenzene	N001	0.32	ug/L	U	F	0.32		valid
TH046992	WL	5/24/2007	07050928	96-12-8	1,2-Dibromo-3-chloropropane	N001	1.5	ug/L	U	F	1.5		valid
TH046992	WL	5/24/2007	07050928	106-93-4	1,2-Dibromoethane	N001	0.18	ug/L	U	F	0.18		valid
TH046992	WL	5/24/2007	07050928	95-50-1	1,2-Dichlorobenzene	N001	0.13	ug/L	U	F	0.13		valid
TH046992	WL	5/24/2007	07050928	107-06-2	1,2-Dichloroethane	N001	0.14	ug/L	J	F	0.13		valid
TH046992	WL	5/24/2007	07050928	78-87-5	1,2-Dichloropropane	N001	0.13	ug/L	U	F	0.13		valid
TH046992	WL	5/24/2007	07050928	541-73-1	1,3-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
TH046992	WL	5/24/2007	07050928	106-46-7	1,4-Dichlorobenzene	N001	0.16	ug/L	U	F	0.16		valid
TH046992	WL	5/24/2007	07050928	71-43-2	Benzene	N001	0.21	ug/L	J	F	0.16		valid
TH046992	WL	5/24/2007	07050928	75-27-4	Bromodichloromethane	N001	0.17	ug/L	U	F	0.17		valid
TH046992	WL	5/24/2007	07050928	75-25-2	Bromoform	N001	0.19	ug/L	U	F	0.19		valid
TH046992	WL	5/24/2007	07050928	74-83-9	Bromomethane	N001	0.21	ug/L	U	F	0.21		valid

Appendix A

Analytical Results for Water Samples - Second Quarter of CY 2007

LOCATION_CODE	LOCATION_TYPE	DATE_SAMPLED	LAB REQUISITION NUMBER	CAS	ANALYTE	SAMPLE_ID	RESULT	UNITS	LAB QUALIFIERS	SAMPLE_TYPE	DETECTION LIMIT	UNCER-TAINTY	DATA VALIDATION QUALIFIERS
TH046992	WL	5/24/2007	07050928	56-23-5	Carbon tetrachloride	N001	0.19	ug/L	U	F	0.19		valid
TH046992	WL	5/24/2007	07050928	108-90-7	Chlorobenzene	N001	0.17	ug/L	U	F	0.17		valid
TH046992	WL	5/24/2007	07050928	124-48-1	Chlorodibromomethane	N001	0.17	ug/L	U	F	0.17		valid
TH046992	WL	5/24/2007	07050928	67-66-3	Chloroform	N001	0.16	ug/L	U	F	0.16		valid
TH046992	WL	5/24/2007	07050928	74-87-3	Chloromethane	N001	0.3	ug/L	U	F	0.3		valid
TH046992	WL	5/24/2007	07050928	156-59-2	cis-1,2-Dichloroethene	N001	0.19	ug/L	J	F	0.15		valid
TH046992	WL	5/24/2007	07050928	87-68-3	Hexachlorobutadiene	N001	0.12	ug/L	U	F	0.12		valid
TH046992	WL	5/24/2007	07050928	75-09-2	Methylene chloride	N001	0.32	ug/L	U	F	0.32		valid
TH046992	WL	5/24/2007	07050928	91-20-3	Naphthalene	N001	0.22	ug/L	U	F	0.22		valid
TH046992	WL	5/24/2007	07050928	100-42-5	Styrene	N001	0.17	ug/L	U	F	0.17		valid
TH046992	WL	5/24/2007	07050928	127-18-4	Tetrachloroethene	N001	0.2	ug/L	U	F	0.2		valid
TH046992	WL	5/24/2007	07050928	108-88-3	Toluene	N001	0.17	ug/L	U	F	0.17		valid
TH046992	WL	5/24/2007	07050928	100-41-4	Total Xylene	N001	0.16	ug/L	U	F	0.16		valid
TH046992	WL	5/24/2007	07050928	1330-20-7	Total Xylenes	N001	0.19	ug/L	U	F	0.19		valid
TH046992	WL	5/24/2007	07050928	156-60-5	trans-1,2-Dichloroethene	N001	0.15	ug/L	U	F	0.15		valid
TH046992	WL	5/24/2007	07050928	10061-02-6	trans-1,3-dichloropropene	N001	0.19	ug/L	U	F	0.19		valid
TH046992	WL	5/24/2007	07050928	79-01-6	Trichloroethene	N001	2.9	ug/L		F	0.16		valid
TH046992	WL	5/24/2007	07050928	75-01-4	Vinyl chloride	N001	0.17	ug/L	U	F	0.17		valid

EXPLANATION

SAMPLE_ID

N00x = Sample was not filtered.

000x = Sample was filtered.

WATER_UNIT_OF_MEASURE

mg/L; ppm = milligrams per liter

pCi/L = picocuries per liter

ug/L = micrograms per liter

C = degrees celsius

mS/cm = millisiemens per centimeter

NTU = normal turbidity units

s.u. = standard pH units

uS/cm = microSiemens per centimeter

umhos/cm = microSiemens per centimeter

SAMPLE_TYPE

F = Field Sample

D = Duplicate

DATA_VALIDATION_QUALIFIERS

valid Result is valid.

F Low flow sampling method used.

G Possible grout contamination, pH > 9.

J Estimated value.

L Less than 3 bore volumes purged prior to sampling.

Q Qualitative result due to sampling technique

R Unusable result.

U Parameter analyzed for but was not detected.

X Location is undefined.

999 Validation not complete

LAB_QUALIFIERS

* Replicate analysis not within control limits.

+ Correlation coefficient for MSA < 0.995.

> Result above upper detection limit.

A TIC is a suspected aldol-condensation product.

B Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: Analyte also found in method blank.

C Pesticide result confirmed by GC-MS.

D Analyte determined in diluted sample.

E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.

H Holding time expired, value suspect.

I Increased detection limit due to required dilution.

J Estimated

M GFAA duplicate injection precision not met.

N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).

P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.

S Result determined by method of standard addition (MSA).

U Analytical result below detection limit.

W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.

X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.

LOCATION_TYPE

SL SURFACE LOCATION

TS TREATMENT SYSTEM

WL WELL

Appendix B

Information for Composite Samples with Unavailable Data

Appendix B
Information for Composite Samples with Unavailable Data

Location	Sample Dates*	Status
GS01	6/20/2007 10:00 ->	In progress
GS03	4/30 12:29 - 7/5/07 12:54	NSQ
GS05	5/7/07 11:05 ->	In progress
GS59	5/7/07 10:18 ->	In progress
SW027	4/26/07 11:41 ->	In progress

* Analytical results are reported with the start date of the composite sampling period

> Composite sample end date to be determined

NSQ: non-sufficient quantity for analysis

Appendix C

Landfill Inspection Forms

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 4/18/07 TIME: 0900 REVIEWED BY: Gyl Sgob

TEMPERATURE: 62°F WEATHER CONDITIONS: Pt. cloudy REVIEW DATE: 4-30-07

METEOROLOGICAL STATION LOCATION: NREL Wind Site

Vegetation inspected on 4/25/07

SUBSIDENCE / CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
COVER – WEST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Cracks etc. are from Slump.
COVER – EAST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Depressions etc. are from Slump.
BUTTRESS FILL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	~1A
DIVERSION BERM 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Cracks etc. are from Slump.
DIVERSION BERM 2	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	~1A
DIVERSION BERM 3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	~1A
DIVERSION BERM 4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>JM</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2 small depressions in middle
DIVERSION BERM 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Depressions are from Slump
DIVERSION BERM 6	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	~1A
DIVERSION BERM 7	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Cracks etc. are from Slump.

Settlement Plates on Top of cover to be inspected for integrity.
During Year 1, they will be surveyed quarterly, and annually thereafter.

Integrity intact?
 Yes No

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The cracks, depressions, and sink holes on the cover and berms #1 and #7 are caused by the slump on berm #1 and a new slump in the east perimeter channel at the end of berm #7. The depressions on berm #4 are just low spots in the berm trough that need soil added to them to raise the grade.

SLOPE STABILITY

REGION	Cracks EVIDENCE OF SEEPS?		EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER? (DESCRIBE BELOW)
	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
COVER - WEST	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes No Seep S # 41 and # 7 Berm # 1 slump →
COVER - EAST	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes No Depression b/w berms # 4 / + # 5
BUTTRESS FILL SIDESLOPE	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No n/a
WEST PERIMETER CHANNEL SIDESLOPES	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes No WPL slump has extended to berm # 3
EAST PERIMETER CHANNEL SIDESLOPES	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes No New slump Found at end of berm #
COVER SEEPS (IF PRESENT)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes No Cracks from berm # 1 slump and EPC slump <input type="checkbox"/> Yes No <input type="checkbox"/> Yes No

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

A new slump was discovered at the end of berm # 7 and extends into the east perimeter channel. It has been staked and will be watched for movement. Another new slump was discovered on the west perimeter channel. It is an extension of the original slump in the WPL. It extends all the way to berm # 3. The slump has been staked and will be watched for movement. We will have DOE, CDPTI, and EPA inspect the new slumps to discuss a course of action for repairs.

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
COVER - WEST	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Small amount of erosion from Seep #7
COVER - EAST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11
BUTTRESS FILL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11
BUTTRESS FILL SIDESLOPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	✓ 1A

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

Water from Seep #7 is now being routed into diversion berm #3. Small amounts of erosion remain below Seep #7 and on top of the buttress in the middle of the landfill. No maintenance is necessary.

OLF Vegetation Survey

Surveyor: Cindy Prtekel

VEGETATION

4/25/2007

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT? *	PERCENTAGE OF GRASS VERSUS BARE GROUND?	PERCENTAGE OF UNWANTED VEGETATION?
COVER - WEST	Sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 70%	MECF1 (3%) CEDI1 1%
COVER - EAST	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 50%	MECF1 (3%) CEDI1 1% CEDI1 <1% ^{CONF}
DIVERSION BERM 1	Sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 70%	CEDI1 <1% ^{CONF}
DIVERSION BERM 2	Sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 70%	MECF1 (1%) CEDI1 CIAR1 <1%
DIVERSION BERM 3	Sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 60%	MECF1 (2%) CEDI1 CIAR1 CEDI1 CIVUL 1%
DIVERSION BERM 4	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 40%	CEDI1, MECF1 1%
DIVERSION BERM 5	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 40%	CEDI1, MECF1 (2%) <1%
DIVERSION BERM 6	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 40%	MECF1, CEDI1 CIAR1 <1%
DIVERSION BERM 7	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 40%	MECF1 (3%) CIVUL CEDI1 <1% VETH1, CEDI1
WEST PERIMETER CHANNEL	Moderate to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 80%	
EAST PERIMETER CHANNEL	Moderate to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 70%	CEDI1 ^{CONF} MECF1 1%
UPPER BUTTERESS FILL SIDESLOPE	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 40%	CEDI1 <1%
LOWER BUTTRESS FILL SIDESLOPE	Sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 90%	CEDI1, LIDAL 1% VETH1 1%

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED / COMMENTS

- Diversion berm 5 corner filled w/ water from previous days' rain - no frogs.
- Small 'new' ^{CONF} stump GPS'd on Diversion Berm 5 going int east perimeter channel

Cindy Prtekel

4/25/07

STORMWATER MANAGEMENT STRUCTURES

CHANNELS / LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
DIVERSION BERM 2	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 6	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 7	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CHECK DAMS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
WEST PERIMETER CHANNEL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
EAST PERIMETER CHANNEL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DEFICIENCIES?

New slump was discovered at the end of diversion berm #7. The east end of the berm has slid into the EPC. A new extension of the WPC slump going to the south was also discovered.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The slumps have been staked and recorded with a GPS unit. Repairs to the slumps are being considered by engineers and will be incorporated into the OLF repair project.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION / SEDIMENT DEPTH
DIVERSION BERM OUTFALL 1	Good condition / minimal sediment
DIVERSION BERM OUTFALL 2	
DIVERSION BERM OUTFALL 3	
DIVERSION BERM OUTFALL 4	
DIVERSION BERM OUTFALL 5	
DIVERSION BERM OUTFALL 6	
DIVERSION BERM OUTFALL 7	
WEST PERIMETER CHANNEL OUTFALL	
EAST PERIMETER CHANNEL OUTFALL	
FRENCH DRAIN OUTFALL (SID)	

OTHER DEFICIENCIES?

None

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None

"RUN-ON" CONTROL

AREA	ADVERSELY AFFECTING OLF?		
NORTH OF THE ORIGINAL LANDFILL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
WEST OF THE WEST PERIMETER CHANNEL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EAST OF THE EAST PERIMETER CHANNEL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
NORTH OF WOMAN CREEK	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>

MAINTENANCE REQUIRED

None

INSTITUTIONAL CONTROLS

ITEM			COMMENT:
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	COMMENT: <i>Installed Settlement Measurement G</i>
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS ON COVER OR BUILDINGS?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>w/IA</i>
EVIDENCE OF UNAUTHORIZED ENTRY?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>w/IA</i>
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>w/IA</i>
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>w/IA</i>

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

INSPECTOR SIGNATURE:

DATE: 4/18/07

REVIEWER SIGNATURE:

DATE: 4-30-07

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 5/23/07 TIME: 10:00 REVIEWED BY: Joe Sull
 TEMPERATURE: 52°F WEATHER CONDITIONS: Overcast REVIEW DATE: 5-24-07
 METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE / CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
COVER – WEST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Cracks from Berm #1 Slump.
COVER – EAST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Depression from Berm #1 Settlement.
BUTTRESS FILL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A			
DIVERSION BERM 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Cracks etc. From Slump.
DIVERSION BERM 2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Low spot on berm in middle.
DIVERSION BERM 3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A			
DIVERSION BERM 4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2 depressions in middle of berm.
DIVERSION BERM 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Depressions from Settlement area.
DIVERSION BERM 6	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A			
DIVERSION BERM 7	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Cracks etc are from Slump.

Settlement Plates on Top of cover to be inspected for integrity.
 During Year 1, they will be surveyed quarterly, and annually thereafter.

Integrity intact?

Yes No

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

We are currently constructing a 3 phase plan to repair problem areas at the Original Landfill. We will be working with CDPLTE and other regulators to complete and implement the plan. A small crack was found in berm #2. It is an extension of the crack from the berm #1 slump. The crack was filled with Rocky Flats Alluvium and compacted. Erosion matting was secured over the area. Berm #1 slumped a second time on 5/7/07. It was repaired on 5/10/07.

SLOPE STABILITY

Region	Evidence of Cracks?	Evidence of Block or Circular Failure?	Evidence of Seeps?	Other? (Describe below)
COVER - WEST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Berm #1 Slump
COVER - EAST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Depression b/w berms #4 + #5.
BUTTRESS FILL SIDESLOPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A
WEST PERIMETER CHANNEL SIDESLOPES	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Western channel Slump
EAST PERIMETER CHANNEL SIDESLOPES	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Berm #7 Slump.
COVER SEEPS (IF PRESENT)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Berm #1 and #7 Slumps

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

See page 1. No new slumps have been discovered since the last inspection.

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
COVER - WEST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	There is a small amount of erosion caused by Seep #7.
COVER - EAST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	"
BUTTRESS FILL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	"
BUTTRESS FILL SIDESLOPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	N/A

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The erosion being caused by Seep #7 ^{isn't} is not significant at this time.
No maintenance is necessary at this time.

Surveyor: Cindy Prtekel

VEGETATION

OLF Vegetation Survey
May 15, 2007

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT?*	PERCENTAGE OF GRASS VERSUS BARE GROUND?	PERCENTAGE OF UNWANTED VEGETATION?
COVER- WEST	sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 70%	MEOF1(%) CIAR1, CEDIM, BRTE1, COARI
COVER - EAST	sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 50%	MEOF1(10%) CEDI1, ONAC1, CIAR1 (1%)
DIVERSION BERM 1	sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 70%	ERTE1, VETH1, CEDI1 (<1%)
DIVERSION BERM 2	sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 70 %	CEDI1, CIARI (1%)
DIVERSION BERM 3	sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 60%	CANU1, MEOF1(3%), CEDI1 (<1%)
DIVERSION BERM 4	sparse	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 30%	CEDI1, SAIBL, KOSC1 (<1%)
DIVERSION BERM 5	sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 50%	MEOF1(2%), CEDI1, KOSC1, VETH1 (<1%)
DIVERSION BERM 6	sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 40 %	MEOF1(2%), KOSC1, CEDI1, COARI (1%)
DIVERSION BERM 7	sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 40%	KOSC1, SOAR2, CEDI1, MEOF1(%) CANU1, SOAR2, BRTE1, VETH1, CEDI1, CIAR1 (1%)
WEST PERIMETER CHANNEL	good to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 90%	MEOF1(%) VETH1, CIAR1 (1%)
EAST PERIMETER CHANNEL	moderate to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5 - 80%	MEOF1(%) CIAR1, CANU1, CEDI1, MEOF1(%)
UPPER BUTTERESS FILL SIDESLOPE	sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 40%	BRTE1, MEOF1(3%), CEDI1 (<1%)
LOWER BUTTRESS FILL SIDESLOPE	sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 90%	VETH1, BRTE1, SOAR2, CEDI1, LIDAL, CIAR1 (1%), MEOF1(2%)

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED / COMMENTS

- Berm #1 repair was re-seeded with mesic slope mix and regreen on May 14, 2007.

STORMWATER MANAGEMENT STRUCTURES

CHANNELS / LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
DIVERSION BERM 2	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 6	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 7	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CHECK DAMS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
WEST PERIMETER CHANNEL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
EAST PERIMETER CHANNEL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DEFICIENCIES?

A small depression was found on berm #2 in the middle of the berm. It is believed to be caused by settlement. No maintenance is necessary at this time.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION / SEDIMENT DEPTH
DIVERSION BERM OUTFALL 1	Good condition / No sediment
DIVERSION BERM OUTFALL 2	Good Condition / No sediment
DIVERSION BERM OUTFALL 3	Fair condition → The slump from the WPC is pushing into the channel
DIVERSION BERM OUTFALL 4	Good condition / No sediment
DIVERSION BERM OUTFALL 5	Good condition / No sediment
DIVERSION BERM OUTFALL 6	Good condition / No sediment
DIVERSION BERM OUTFALL 7	Good condition / No sediment
WEST PERIMETER CHANNEL OUTFALL	Poor condition → the end of the berm has slid into the EPC.
EAST PERIMETER CHANNEL OUTFALL	Good condition / No sediment
FRENCH DRAIN OUTFALL (SID)	Good condition / No sediment

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

The outfall from diversion berm #3 requires occasional removal of sediment.

"RUN-ON" CONTROL

AREA	ADVERSELY AFFECTING OLF?		
NORTH OF THE ORIGINAL LANDFILL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
WEST OF THE WEST PERIMETER CHANNEL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EAST OF THE EAST PERIMETER CHANNEL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
NORTH OF WOMAN CREEK	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>

MAINTENANCE REQUIRED

None.

INSTITUTIONAL CONTROLS

ITEM

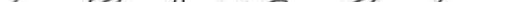
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS ON COVER OR BUILDINGS?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF UNAUTHORIZED ENTRY?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

DEFICIENCY	DATE NOTED	ACTION	DATE COMPLETED	COMMENTS
Berm #1 Slumped and cracked a 2nd time	5/7/07	Repaired berm w/ Rocky Flats Alluvium Reseeded berm #1 and covered w/ erosion mat.	5/10/07 5/14/07	Applied and compacted 86 tons of RFA. N/A
Berm #2 had a crack in it From berm #1 slump	5/14/07	Fill crack w/ Rocky Flats Alluvium and compact	5/15/07	Covered repaired area with erosion matting
Wattles on berm #1 area were in poor shape	5/14/07	Replaced wattles in berm #1 slump area	5/14/07	Wattles on rest of OLF will also be replaced
				JRW

INSPECTOR SIGNATURE:  DATE: 5/23/07

REVIEWER SIGNATURE: George Sault DATE: 5-24-07

ORIGINAL LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: Jeremiah McLaughlin DATE: 6/27/07 TIME: 1300 REVIEWED BY: Linda Kaiser

TEMPERATURE: 78°F WEATHER CONDITIONS: Overcast REVIEW DATE: 6/28/07

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE / CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
COVER - WEST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Berm 1 area
COVER - EAST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Berm 4 depression
BUTTRESS FILL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
DIVERSION BERM 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
DIVERSION BERM 2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	slump crack low spot in middle of berm
DIVERSION BERM 3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
DIVERSION BERM 4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2 low spots in middle of berm
DIVERSION BERM 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	low spot from depression
DIVERSION BERM 6	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
DIVERSION BERM 7	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	slump cracks

Settlement Plates on Top of cover to be inspected for integrity.

During Year 1, they will be surveyed quarterly, and annually thereafter.

Integrity intact?

Yes No

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

We are planning to repair the Berm #1 slump area during the month of July. We will use heavy ~~soil~~ equipment to re-construct the berm and smooth out the cracks caused by the slump. We are also actively coordinating projects to fix other problem areas of the OLF.

SLOPE STABILITY

Region	Evidence of Cracks?	Evidence of Block or Circular Failure?	Evidence of Seeps?	Other? (Describe below)
COVER - WEST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Berm 1 Slump
COVER - EAST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	East depression
BUTTRESS FILL SIDESLOPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
WEST PERIMETER CHANNEL SIDESLOPES	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	West perimeter-channel slump
EAST PERIMETER CHANNEL SIDESLOPES	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Berm 7 Slump
COVER SEEPS (IF PRESENT)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Berm 1 + 7 slumps

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

No new problem areas have been discovered since the last inspection.

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
COVER - WEST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Small erosion from Sept 7
COVER - EAST	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	↓
BUTTRESS FILL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
BUTTRESS FILL SIDESLOPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

No maintenance is necessary at this time.

Surveyor: Cindy Pritekel

VEGETATION

OLF Vegetation Survey
June 11, 2007

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	PERCENTAGE OF GRASS VERSUS BARE GROUND?	PERCENTAGE OF UNWANTED VEGETATION?
COVER- WEST	Sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 70%	CIAR1, BRTEL, CEDIL, VETH1, 1%
COVER - EAST	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 50%	CEDIL, SAIB1, HYPE1, BRJAI, KOSC1, BRTEL, ONAC1, 1%
DIVERSION BERM 1	Sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 80 %	SAIB1, CIAR1, ONAC1, BRTEL, CEDIL, <1%
DIVERSION BERM 2	Sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 70%	SAIB1, CEDIL, CIAR1, <1%
DIVERSION BERM 3	Sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 60%	BRTEL, CEDIL, SOAR1, CANU1, <1%
DIVERSION BERM 4	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 40%	SAIB1, BRJAI, KOSC1, CEDIL, SOAR2, BRTEL, <1%
DIVERSION BERM 5	Sparse to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 60%	CEDIL, CIAR1, SAIB1, <1%
DIVERSION BERM 6	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 50%	SAIB1, CEDIL, SOAR1, BRTEL, <1%
DIVERSION BERM 7	Sparse to Moderate good to Moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 50%	SAIB1, CEDIL, BRTEL, LIDAL, CANU1, COAR1, <1%
WEST PERIMETER CHANNEL	Moderate good to Moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5 - 90%	CEDIL, VETH1, HYPE1, CIAR1, BRTEL, COAR1, 2%
EAST PERIMETER CHANNEL	Moderate to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	20 - 90%	HYPE1, CEDIL, CANU1, SAIB1, LIDAL, COAR1, BRTEL, CEDIL, <1%
UPPER BUTTERESS FILL SIDESLOPE	Sparse to Moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 40%	HYPE1, SOAR2, CIAR1, <1%
LOWER BUTTRESS FILL SIDESLOPE	Sparse to Good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0 - 90%	BRTEL, LIDAL, VETH1, CIAR1, CEDIL, HYPE1, CANU1, 2%

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

Yucca glauca growing (and flowering) just above Berm 1 on west end,
Coleoptera sp. (beetle) on *Hypericum perforatum* - biocontrol? insects

STORMWATER MANAGEMENT STRUCTURES

CHANNELS / LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM 1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
DIVERSION BERM 2	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 6	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DIVERSION BERM 7	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CHECK DAMS	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
WEST PERIMETER CHANNEL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
EAST PERIMETER CHANNEL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DEFICIENCIES?

No new problem areas since last inspection.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION / SEDIMENT DEPTH
DIVERSION BERM OUTFALL 1	Good condition / minimal sediment
DIVERSION BERM OUTFALL 2	Good condition / minimal sediment
DIVERSION BERM OUTFALL 3	Fair condition => The WPC slump is pushing into outfall
DIVERSION BERM OUTFALL 4	Good condition / minimal sediment
DIVERSION BERM OUTFALL 5	Good condition / minimal sediment
DIVERSION BERM OUTFALL 6	Good condition / minimal sediment
DIVERSION BERM OUTFALL 7	Fair condition => end of berm is in EPC => still functioning
WEST PERIMETER CHANNEL OUTFALL	Good condition / minimal sediment
EAST PERIMETER CHANNEL OUTFALL	Good condition / minimal sediment
FRENCH DRAIN OUTFALL (SID)	Good condition / minimal sediment

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED / COMMENTS/PHOTO LOG

None.

"RUN-ON" CONTROL

AREA	ADVERSELY AFFECTING OLF?		
NORTH OF THE ORIGINAL LANDFILL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: n/a
WEST OF THE WEST PERIMETER CHANNEL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: n/a
EAST OF THE EAST PERIMETER CHANNEL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: n/a
NORTH OF WOMAN CREEK	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: n/a

MAINTENANCE REQUIRED

None

INSTITUTIONAL CONTROLS

ITEM

EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF CONSTRUCTION OF ROADS, TRAILS ON COVER OR BUILDINGS?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF UNAUTHORIZED ENTRY?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

INSPECTOR SIGNATURE:

DATE: 6/27/07

REVIEWER SIGNATURE:

DATE: 6/28/07

PRESENT LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin

DATE: 4/25/07 TIME: 0900 REVIEWED BY:

Greg Sydell

4-30-07

TEMPERATURE: ≈ 58°F WEATHER CONDITIONS: partly cloudy

REVIEW DATE:

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE/CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
TOP OF COVER – WEST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>n/a</u>			
TOP OF COVER – EAST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>n/a</u>			
COVER SIDESLOPE – NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>n/a</u>			
COVER SIDESLOPE – SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>n/a</u>			
EAST FACE SLOPE – NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>n/a</u>			
EAST FACE SLOPE – SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>n/a</u>			
EAST FACE SLOPE – CENTRAL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>n/a</u>			
EAST FACE SLOPE – NORTH SEEP*	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>n/a</u>			

Settlement Plates and side-slope monitoring points to be inspected for integrity.
During Year 1, they will be surveyed quarterly, and annually thereafter

Integrity intact?
 Yes No

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None. The slump to the east of the PLF remains unchanged.

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH

SLOPE STABILITY

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER (DESCRIBE BELOW)
COVER SIDESLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
COVER SIDESLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
PERIMETER CHANNEL OUTER SLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
PERIMETER CHANNEL OUTER SLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
EAST FACE SLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
EAST FACE SLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
EAST FACE SLOPE - CENTRAL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
EAST FACE SLOPE - NORTH SEEP*	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	n/a

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

The slump that is on the north side of the landfill pond and east of the PLF is southeast of the "North Seep"

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
TOP OF COVER - WEST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
TOP OF COVER - EAST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
COVER SIDESLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
COVER SIDESLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE -- CENTRAL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	VENT CAPS IN PLACE & SECURE?	STANDPIPES IN GOOD CONDITION?	BIRDS OR INSECTS IN VENT CAPS?	
COVER -- BAROMETRIC VENTS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

VEGETATION

PLF Vegetation Survey

July 25, 1987

4/25/87

REGION

CONDITION OF GRASS

UNWANTED VEGETATION
PRESENT?OTHER
(DESCRIBE BELOW)

TOP OF COVER - WEST

Moderate to good

 Yes No

CEDH, VETHI,

TOP OF COVER - EAST

moderate to good

 Yes No

CEDH, CIARI, VETHI,

EAST FACE SLOPE - NORTH

Sparse to moderate

 Yes No

VETHI, CIARI, HYPER, CEDH

EAST FACE SLOPE - SOUTH

Sparse to moderate

 Yes No

CIARI, CEDH

EAST FACE SLOPE - CENTRAL

Sparse to moderate

 Yes NoCIARI, CEDH - small shrub
HYPER, LIDAI growing SE of lower wall

COVER SIDESLOPE - NORTH

Sparse to moderate

 Yes No

LIDAI, VETHI, CEDH

COVER SIDESLOPE - SOUTH

Sparse to moderate

 Yes No

CEDH, VETHI, HYPER,

VEGETATION-LINED PERIMETER CHANNEL - NORTH

Sparse

July 25, 1987

 Yes No

LIDAI, CEDH, VETHI 4/25/87

VEGETATION-LINED PERIMETER CHANNEL - SOUTH

Sparse

 Yes No

CEDH

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

Got about 1.5" of rain yesterday. Seep under matto on East Fan flowing today (between Central + North fans)

Rilling south of treatment system - watch. Grass all over PLF greening up very well.

Boreal chorus frogs in South channel. Water flowing entire length of both N + S channels - some water on W end coming from grassland west of PLF.


 4/25/87

SEEP TREATMENT SYSTEM

REGION	EVIDENCE OF PLUGGING, OBSTRUCTIONS, OR EXCESS DEBRIS?	EVIDENCE OF CRACKS OR DETERIORATION?	OTHER (DESCRIBE BELOW)
GWIS INLET PIPES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
STRIP DRAIN INLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
NORTH MANHOLE OUTLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
SOUTH MANHOLE OUTLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
TREATMENT UNIT	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
TREATMENT UNIT OUTLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
NORTH MANHOLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
SOUTH MANHOLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
TREATMENT UNIT GRATING	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

No maintenance required. Seep Treatment System is in good condition.

STORMWATER MANAGEMENT STRUCTURES

CHANNELS/LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
VEGETATION-LINED PERIMETER CHANNEL - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
VEGETATION-LINED PERIMETER CHANNEL - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
RIPRAP-LINED PERIMETER CHANNEL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
C350-LINED EAST FACE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
EAST FACE RIPRAP CHANNEL - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
EAST FACE RIPRAP CHANNEL - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						

OTHER DEFICIENCIES?

None

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION/SEDIMENT DEPTH
DIVERSION BERM OUTFALL - NORTH	Good condition / No sediment
DIVERSION BERM OUTFALL - SOUTH	Good condition / No sediment
CULVERT 1 OUTFALL	Good condition / No sediment
CULVERT 2 OUTFALL	Good condition / No sediment
SOUTHWEST CULVERT OUTFALL	Good condition / No sediment

CULVERTS

CHECK EACH STRUCTURE FOR BLOCKAGE, SURROUNDING CONDITIONS, BREACHING, SEDIMENT BUILD-UP, AND INLET/OUTLET CONDITIONS.

STRUCTURE	CONDITION
CULVERT 1	Good condition / No sediment
CULVERT 2	Good condition / water flowing in culvert.
SOUTHWEST CULVERT	Good condition / water flowing in culvert.

MAINTENANCE REQUIRED/PHOTO LOG

None.

"RUN-ON" EROSION CONTROL

AREA	ADVERSELY AFFECTING PLF?		
RUN-ON INTO PERIMETER CHANNEL - NORTH	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: Water Flowing normally
RUN-ON INTO PERIMETER CHANNEL - SOUTH	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: Water Flowing normally
NATURAL DRAINAGE FED BY CULVERT 1	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: Water Flowing normally
NATURAL DRAINAGE FED BY NORTHEAST PERIMETER CHANNEL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: Water Flowing normally
NATURAL DRAINAGE FED BY RIPRAP	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: Water Flowing normally

MAINTENANCE REQUIRED/PHOTO LOG

Name: _____

INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF CONSTRUCTION OF ROADS OR TRAILS ON COVER OR BUILDINGS?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF UNAUTHORIZED ENTRY?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
DISRUPTION OR DAMAGE OF SEEP TREATMENT SYSTEM?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

INSPECTOR SIGNATURE:

DATE: 4/25/07

REVIEWER SIGNATURE:

DATE: 4-30-07

PRESENT LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 5/23/07 TIME: 1230 REVIEWED BY: George Squibb

TEMPERATURE: 52°F WEATHER CONDITIONS: Overcast REVIEW DATE: 5-24-07

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE/CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
TOP OF COVER - WEST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
TOP OF COVER - EAST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
COVER SIDESLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
COVER SIDESLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
EAST FACE SLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
EAST FACE SLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
EAST FACE SLOPE - CENTRAL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
EAST FACE SLOPE - NORTH SEEP*	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			

Settlement Plates and side-slope monitoring points to be inspected for integrity.
During Year 1, they will be surveyed quarterly, and annually thereafter

Integrity intact?
 Yes No

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH

SLOPE STABILITY

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER (DESCRIBE BELOW)
COVER SIDESLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
COVER SIDESLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
PERIMETER CHANNEL OUTER SLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
PERIMETER CHANNEL OUTER SLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE - CENTRAL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE - NORTH SEEP*	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
TOP OF COVER - WEST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
TOP OF COVER - EAST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
COVER SIDESLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
COVER SIDESLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
EAST FACE SLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
EAST FACE SLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
EAST FACE SLOPE -- CENTRAL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
	VENT CAPS IN PLACE & SECURE?	STANDPIPES IN GOOD CONDITION?	BIRDS OR INSECTS IN VENT CAPS?	
COVER -- BAROMETRIC VENTS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

Surveyor: Cindy Pritekel

VEGETATION

PLF Vegetation Survey

May 15, 2007

REGION	CONDITION OF GRASS	UNWANTED VEGETATION PRESENT*?	OTHER (DESCRIBE BELOW)
TOP OF COVER - WEST	Good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	VETH1, CEDI1, BRTE1
TOP OF COVER - EAST	Moderate to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	SOAR2, CEDI1, CIARI, LIDAL, VETH1, HYPE1, BRTE1
EAST FACE SLOPE - NORTH	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CEDI1, HYPE1, LIDAL, VETH1, CIARI
EAST FACE SLOPE - SOUTH	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HYPE1, CIARI, CEDI1, unk shrub
EAST FACE SLOPE - CENTRAL	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CIARI, HYPE1, LIDAL, CEDI1
COVER SIDESLOPE - NORTH	Moderate to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	LIDAL, CEDI1, VETH1, SOAR1, BRTE1
COVER SIDESLOPE - SOUTH	Moderate to good	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	VETH1, CIARI, CEDI1, BRTE1, LIDAL, SOAR2
VEGETATION-LINED PERIMETER CHANNEL - NORTH	Sparse to moderate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CEDI1, LIDAL
VEGETATION-LINED PERIMETER CHANNEL - SOUTH	Sparse	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	VETH1, CEDI1

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

- Herbicides Applied to the North and south cover sideslopes and top of cover on the east within past week of inspection.
- Shrubs found on east face slope to be remove by cutting off near base of stems at ground-level and monitored for any re-growth.

SEEP TREATMENT SYSTEM

REGION	EVIDENCE OF PLUGGING, OBSTRUCTIONS, OR EXCESS DEBRIS?	EVIDENCE OF CRACKS OR DETERIORATION?	OTHER (DESCRIBE BELOW)
GWIS INLET PIPES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	~1A
STRIP DRAIN INLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	~1A
NORTH MANHOLE OUTLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	~1A
SOUTH MANHOLE OUTLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	~1A
TREATMENT UNIT	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
TREATMENT UNIT OUTLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
NORTH MANHOLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	There are small hairline cracks in the concrete Sealing cover.
SOUTH MANHOLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11
TREATMENT UNIT GRATING	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	~1A

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

Small cracks in concrete of North and South manholes are not significant. They are not affecting the integrity of the manholes. No maintenance is necessary.

STORMWATER MANAGEMENT STRUCTURES

CHANNELS/LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
VEGETATION-LINED PERIMETER CHANNEL - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
VEGETATION-LINED PERIMETER CHANNEL - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
RIPRAP-LINED PERIMETER CHANNEL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
C350-LINED EAST FACE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
EAST FACE RIPRAP CHANNEL - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
EAST FACE RIPRAP CHANNEL - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						

OTHER DEFICIENCIES?

None

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION/SEDIMENT DEPTH
DIVERSION BERM OUTFALL - NORTH	Good condition / no sediment
DIVERSION BERM OUTFALL - SOUTH	
CULVERT 1 OUTFALL	
CULVERT 2 OUTFALL	
SOUTHWEST CULVERT OUTFALL	

CULVERTS

CHECK EACH STRUCTURE FOR BLOCKAGE, SURROUNDING CONDITIONS, BREACHING, SEDIMENT BUILD-UP, AND INLET/OUTLET CONDITIONS.

STRUCTURE	CONDITION
CULVERT 1	Good condition / no sediment
CULVERT 2	
SOUTHWEST CULVERT	

MAINTENANCE REQUIRED/PHOTO LOG

None.

"RUN-ON" EROSION CONTROL

AREA	ADVERSELY AFFECTING PLF?		
RUN-ON INTO PERIMETER CHANNEL – NORTH	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
RUN-ON INTO PERIMETER CHANNEL – SOUTH	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
NATURAL DRAINAGE FED BY CULVERT I	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
NATURAL DRAINAGE FED BY NORTHEAST PERIMETER CHANNEL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
NATURAL DRAINAGE FED BY RIPRAP	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>

MAINTENANCE REQUIRED/PHOTO LOG

None

INSTITUTIONAL CONTROLS

ITEM			COMMENT:
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	n/a
EVIDENCE OF CONSTRUCTION OF ROADS OR TRAILS ON COVER OR BUILDINGS?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	n/a
EVIDENCE OF UNAUTHORIZED ENTRY?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	n/a
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	n/a
DISRUPTION OR DAMAGE OF SEEP TREATMENT SYSTEM?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	n/a
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	n/a

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

INSPECTOR SIGNATURE:

DATE:

5/23/07

REVIEWER SIGNATURE:

DATE:

5-24-07

PRESENT LANDFILL – MONITORING AND MAINTENANCE PROGRAM

INSPECTION FORM

INSPECTOR: J. McLaughlin DATE: 6/27/07 TIME: 1500 REVIEWED BY: Linda Kaiser

TEMPERATURE: 78°F WEATHER CONDITIONS: Overcast REVIEW DATE: 6/28/07

METEOROLOGICAL STATION LOCATION: NREL Wind Site

SUBSIDENCE/CONSOLIDATION

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF DEPRESSIONS?	EVIDENCE OF SINK HOLES?	EVIDENCE OF PONDING?	OTHER (DESCRIBE BELOW)
TOP OF COVER – WEST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
TOP OF COVER – EAST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
COVER SIDESLOPE – NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
COVER SIDESLOPE – SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
EAST FACE SLOPE – NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
EAST FACE SLOPE – SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
EAST FACE SLOPE – CENTRAL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			
EAST FACE SLOPE – NORTH SEEP*	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a			

Settlement Plates and side-slope monitoring points to be inspected for integrity.
During Year 1, they will be surveyed quarterly, and annually thereafter

Integrity intact?
 Yes No

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH

SLOPE STABILITY

REGION	EVIDENCE OF CRACKS?	EVIDENCE OF BLOCK OR CIRCULAR FAILURE?	EVIDENCE OF SEEPS?	OTHER (DESCRIBE BELOW)
COVER SIDESLOPE – NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
COVER SIDESLOPE – SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
PERIMETER CHANNEL OUTER SLOPE – NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
PERIMETER CHANNEL OUTER SLOPE – SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE – NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE – SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE – CENTRAL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
EAST FACE SLOPE – NORTH SEEP*	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

* AREA OF SEEP IS OUTSIDE OF LANDFILL COVER AND EAST OF THE COVER ANCHOR TRENCH

SOIL COVER

REGION	EVIDENCE OF SOIL DEPOSITION OR EROSION?	EVIDENCE OF EROSION RILLS/GULLIES?	EVIDENCE OF BURROWING ANIMALS?	OTHER (DESCRIBE BELOW)
TOP OF COVER - WEST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
TOP OF COVER - EAST	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
COVER SIDESLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
COVER SIDESLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
EAST FACE SLOPE - NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
EAST FACE SLOPE - SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
EAST FACE SLOPE -- CENTRAL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
AREA WHERE EAST SLOPE CENTRAL MEETS EAST SLOPE SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
	VENT CAPS IN PLACE & SECURE?	STANDPIPES IN GOOD CONDITION?	BIRDS OR INSECTS IN VENT CAPS?	
COVER - BAROMETRIC VENTS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

VEGETATION

PLF Vegetation Survey

Landy K. Nelson

June 11, 2007

REGION

CONDITION OF GRASS

UNWANTED VEGETATION
PRESENT?OTHER
(DESCRIBE BELOW)

TOP OF COVER - WEST

good

 Yes No

CIARI, LIDAI, BRTEI

TOP OF COVER - EAST

Moderate to good

 Yes NoVETHI, CEDH, LIDAI, CANOI,
GIARI

EAST FACE SLOPE - NORTH

none to moderate

 Yes NoCIARI, CEDH, LIDAI, HYPEI, VETHI,
COARI

EAST FACE SLOPE - SOUTH

none to moderate

 Yes No

HYPEI, CEDH, CIARI,

EAST FACE SLOPE - CENTRAL

none to moderate

 Yes NoHYPEI, CIARI, CEDH, BRTEI
LIDAI

COVER SIDESLOPE - NORTH

moderate to good

 Yes No

VETHI, CEDH

COVER SIDESLOPE - SOUTH

moderate to good

 Yes No

CEDH, VETHI, CIARI, LIDAI, BRTEI

VEGETATION-LINED PERIMETER CHANNEL - NORTH

none to moderate

 Yes No

CEDH, COARI, LIDAI

VEGETATION-LINED PERIMETER CHANNEL - SOUTH

none to moderate

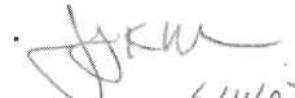
 Yes No

CEDH, CIARI

* Unwanted vegetation includes weeds and deep-rooting trees.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

Dead bull snake found in N perimeter channel - caught in netting
 w/ milestones - looking very good. Top of cover East - also sprayed - May - also looks very good. Most areas
 w/ little to no weeds (other spray). Grass doing very well. Mourning dove nest w/ 2 eggs - N edge of cover
 SYOCL - near tree (instabat) along road to treat cell, SAEXI - black mat below PODEI & treated cell - burning coated signs
 Overall veg. is looking very good - weeds represent < 1% of total cover across land gills (estimate).


 6/11/07

SEEP TREATMENT SYSTEM

REGION	EVIDENCE OF PLUGGING, OBSTRUCTIONS, OR EXCESS DEBRIS?	EVIDENCE OF CRACKS OR DETERIORATION?	OTHER (DESCRIBE BELOW)
GWIS INLET PIPES	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WIA
STRIP DRAIN INLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WIA
NORTH MANHOLE OUTLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WIA
SOUTH MANHOLE OUTLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WIA
TREATMENT UNIT	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WIA
TREATMENT UNIT OUTLET PIPE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WIA
NORTH MANHOLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	small hairline cracks in concrete
SOUTH MANHOLE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	small hairline cracks in concrete
TREATMENT UNIT GRATING	NA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WIA

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

The small hairline cracks in the North and South manholes are insignificant and are not affecting the integrity of the manholes. No maintenance is necessary.

STORMWATER MANAGEMENT STRUCTURES

CHANNELS/LINING

STRUCTURE	EVIDENCE OF EXCESSIVE EROSION, GULLYING, SCOUR, OR UNDERMINING?	EVIDENCE OF SETTLEMENT/ SUBSIDENCE OR DEPRESSIONS?	EVIDENCE OF BREACHING OR BANK FAILURE?	EVIDENCE OF BURROWING ANIMALS?	EVIDENCE OF SEDIMENT BUILD-UP OR OTHER BLOCKAGE?	EVIDENCE OF LINING DETERIORATION, HOLES, RIPS, OR SEPARATION?	EVIDENCE OF LINING DISPLACEMENT?
DIVERSION BERM	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
VEGETATION-LINED PERIMETER CHANNEL – NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
VEGETATION-LINED PERIMETER CHANNEL – SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
RIPRAP-LINED PERIMETER CHANNEL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
C350-LINED EAST FACE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
EAST FACE RIPRAP CHANNEL – NORTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
EAST FACE RIPRAP CHANNEL – SOUTH	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						

OTHER DEFICIENCIES?

None.

MAINTENANCE REQUIRED/COMMENTS/PHOTO LOG

None.

STORMWATER MANAGEMENT STRUCTURES (CONTINUED)

OUTFALLS

CHECK EACH STRUCTURE FOR EXCESSIVE EROSION AND SEDIMENT DEPTH. IF SEDIMENT DEPTH IS COMPROMISING THE DESIGN CHARACTERISTICS, REMOVE SEDIMENT.

STRUCTURE	CONDITION/SEDIMENT DEPTH
DIVERSION BERM OUTFALL – NORTH	Good condition / No sediment
DIVERSION BERM OUTFALL – SOUTH	
CULVERT 1 OUTFALL	
CULVERT 2 OUTFALL	
SOUTHWEST CULVERT OUTFALL	

CULVERTS

CHECK EACH STRUCTURE FOR BLOCKAGE, SURROUNDING CONDITIONS, BREACHING, SEDIMENT BUILD-UP, AND INLET/OUTLET CONDITIONS.

STRUCTURE	CONDITION
CULVERT 1	Good condition / No sediment
CULVERT 2	
SOUTHWEST CULVERT	

MAINTENANCE REQUIRED/PHOTO LOG

None.

"RUN-ON" EROSION CONTROL

AREA	ADVERSELY AFFECTING PLF?		
RUN-ON INTO PERIMETER CHANNEL – NORTH	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
RUN-ON INTO PERIMETER CHANNEL – SOUTH	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
NATURAL DRAINAGE FED BY CULVERT 1	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
NATURAL DRAINAGE FED BY NORTHEAST PERIMETER CHANNEL	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
NATURAL DRAINAGE FED BY RIPRAP	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>

MAINTENANCE REQUIRED/PHOTO LOG

None.

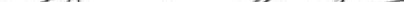
INSTITUTIONAL CONTROLS

ITEM			
EVIDENCE OF EXCAVATION(S) OF COVER AND IMMEDIATE VICINITY OF COVER?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF CONSTRUCTION OF ROADS OR TRAILS ON COVER OR BUILDINGS?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF UNAUTHORIZED ENTRY?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
EVIDENCE OF DRILLING OF WELLS OR USE OF GROUNDWATER?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
DISRUPTION OR DAMAGE OF SEEP TREATMENT SYSTEM?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>
DAMAGE OR REMOVAL OF ANY SIGNAGE OR GROUNDWATER MONITORING WELLS?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	COMMENT: <i>n/a</i>

OTHER DEFICIENCIES/PHOTO LOG

None.

ACTION ITEMS

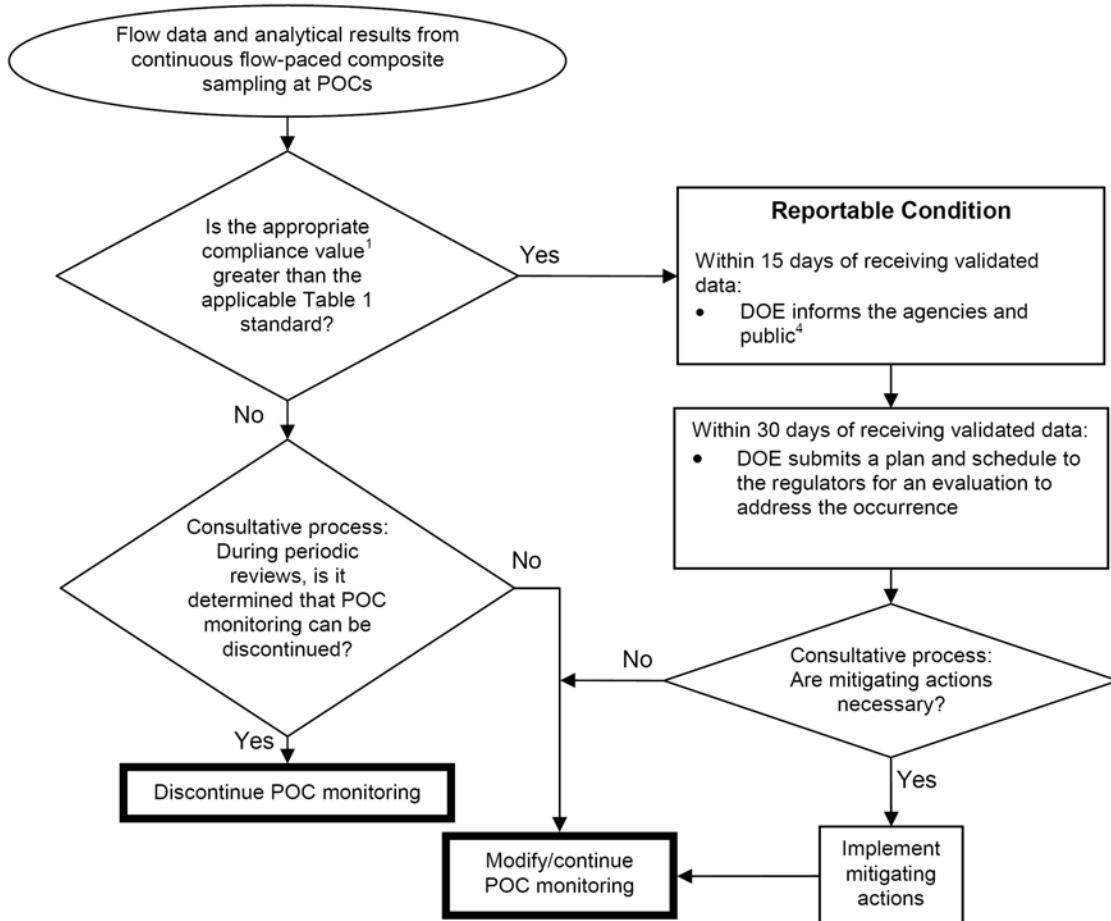
INSPECTOR SIGNATURE:  DATE: 6/22/07

REVIEWER SIGNATURE: Linda L. Kaini DATE: 6/28/07

Appendix D

Data Evaluation Flowcharts Reproduced from the RFLMA and the RFSOG

ROCKY FLATS LEGACY MANAGEMENT AGREEMENT



Notes: see Fig. 1 and Tables 1 and 2 for locations, standards, and sampling criteria.

¹ Appropriate Compliance Values by locations and analytes (see Table 2 for reference)

- All Indiana Street POCs:
 - plutonium, americium, uranium → 30-day average²
- All Terminal Pond POCs:
 - plutonium, americium, uranium → 12-month rolling average³
- Walnut Creek at Indiana Street POCs:
 - nitrate → 85th percentile of 30-day averages³ for previous calendar year
- Walnut Creek Terminal Pond POCs:
 - nitrate → 12-month rolling average²

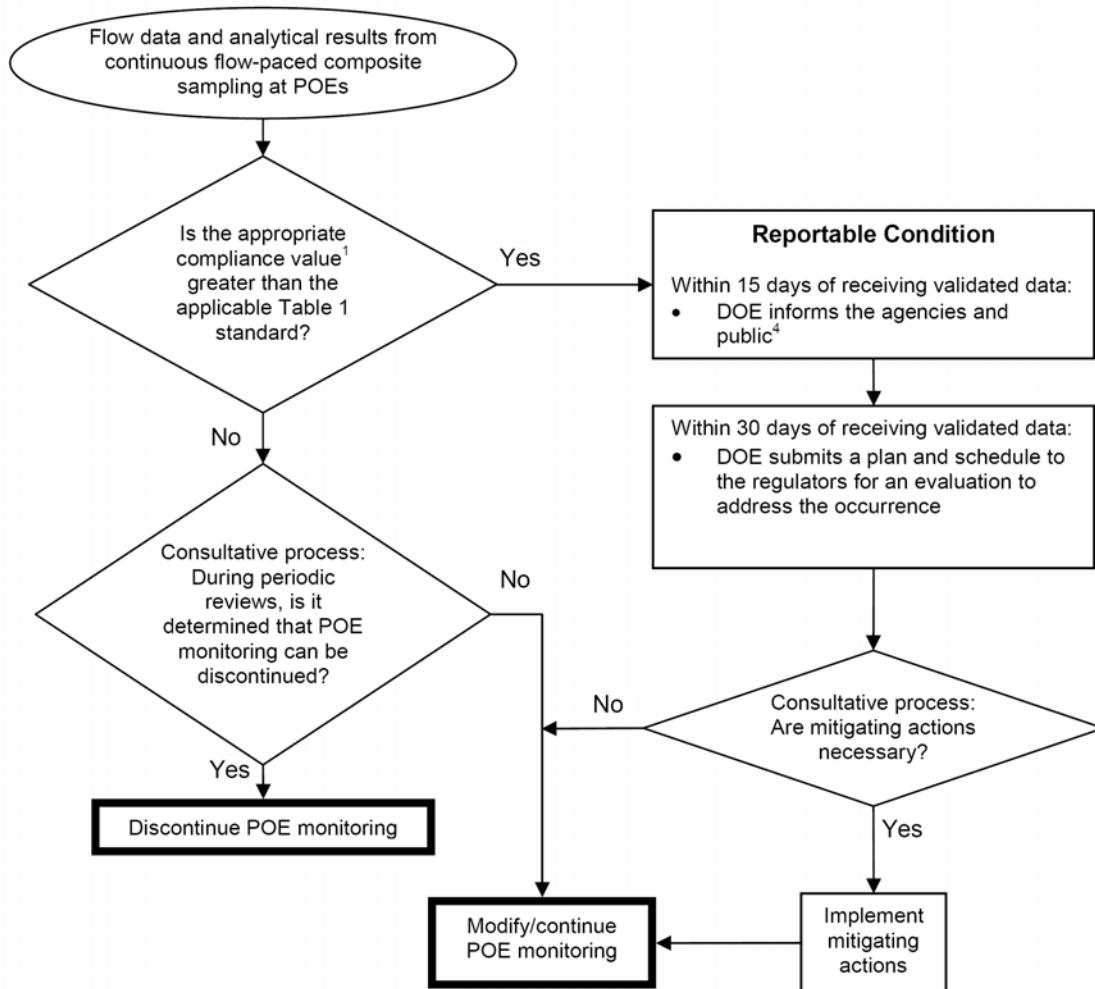
² The 30-day average for a particular day is calculated as a volume-weighted average of a "window" of time containing the previous 30 days with measurable flow. Each day has its own discharge volume (measured with a flow meter) and activity/concentration (from the sample carboy in place at the end of that day). Therefore, there are 365 30-day moving averages for a location that flows all year. At locations that have intermittent flows, 30-day averages are reported as averages of the previous 30 days of greater than zero flow. For days where no analytical result is available, either due to failed laboratory analysis or non-sufficient quantity (NSQ) for analysis, no 30-day average is reported.

³ The 12-month rolling average for the last day of a particular month is calculated as a volume-weighted average of a "window" of time containing the previous 12 months. Each 12-month "window" includes daily discharge volumes (measured with a flow meter) and daily activities/concentrations (from the sample carboy in place at the end of that day). Therefore, there are twelve 12-month rolling averages for a given calendar year. Days with no flow or no analytical result, either due to failed laboratory analysis or NSQ for analysis, are not included in the average. When no flow has occurred in the previous 12 months, no 12-month rolling average is reported.

⁴ Agencies: EPA, CDPHE, and USFWS
 Public: Cities of Broomfield, Northglenn, Thornton, and Westminster; Rocky Flats Stewardship Council (RFSC)

Figure 5. Points of Compliance

ROCKY FLATS LEGACY MANAGEMENT AGREEMENT



Notes: see Fig. 1 and Tables 1 and 2 for locations, standards, and sampling criteria.

¹ Appropriate Compliance Values by analytes (see Table 2 for reference)

- plutonium, americium, uranium → 12-month rolling average²
- dissolved Cd and Ag, total Be and Cr → 85th percentile of 30-day averages³ for previous calendar year

² The 30-day average for a particular day is calculated as a volume-weighted average of a "window" of time containing the previous 30-days with measurable flow. Each day has its own discharge volume (measured with a flow meter) and activity/concentration (from the sample carboy in place at the end of that day). Therefore, there are 365 30 day moving averages for a location that flows all year. At locations that have intermittent flows, 30-day averages are reported as averages of the previous 30 days of greater than zero flow. For days where no analytical result is available, either due to failed laboratory analysis or NSQ for analysis, no 30-day average is reported.

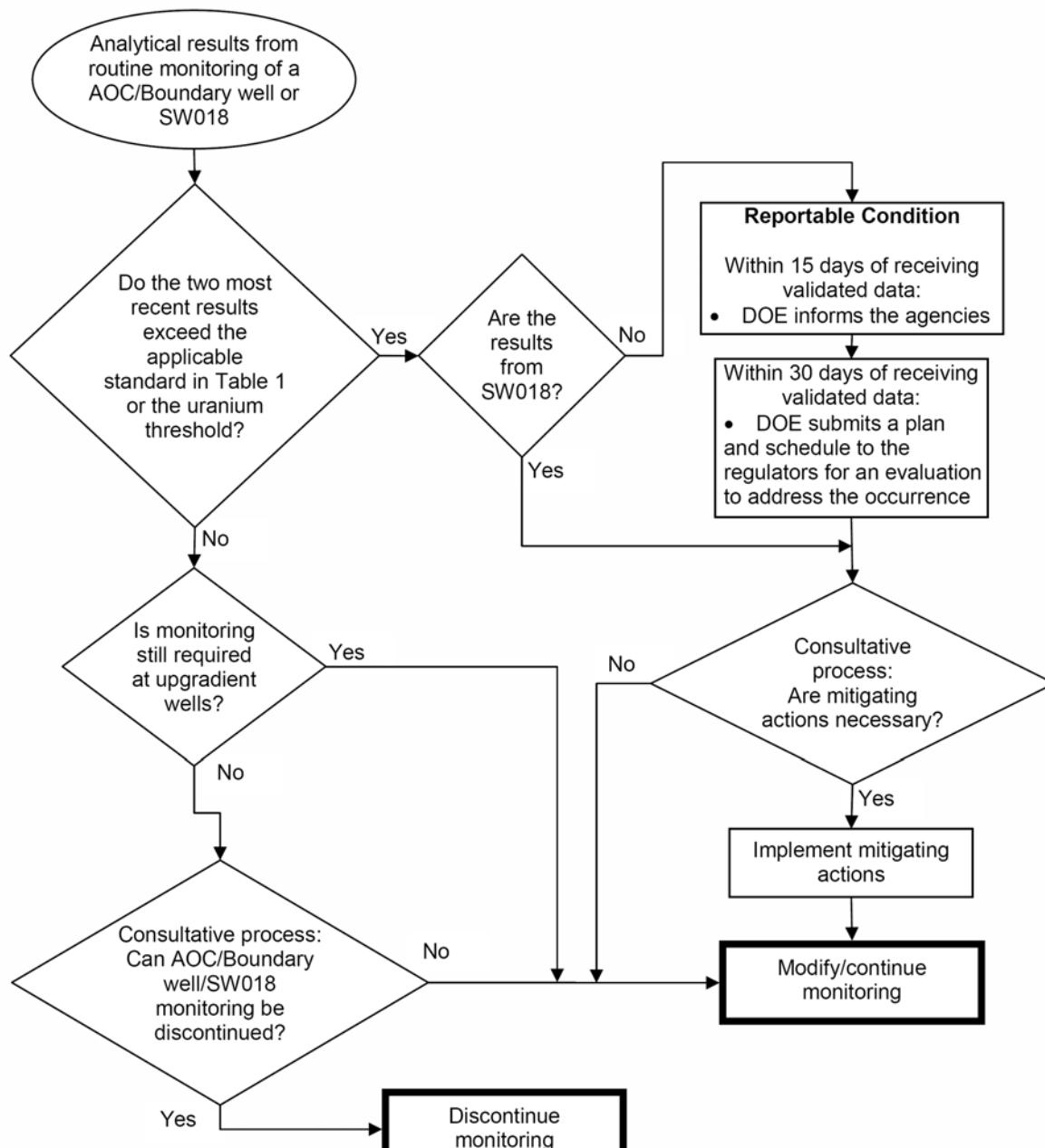
³ The 12-month rolling average for the last day of a particular month is calculated as a volume-weighted average of a "window" of time containing the previous 12 months. Each 12-month "window" includes daily discharge volumes (measured with a flow meter) and daily activities/concentrations (from the sample carboy in place at the end of that day). Therefore, there are twelve 12-month rolling averages for a given calendar year. Days with no flow or no analytical result, either due to failed laboratory analysis or NSQ for analysis, are not included in the average. When no flow has occurred in the previous 12 months, no 12-month average is reported.

⁴ Agencies: EPA, CDPHE, and USFWS

Public: Cities of Broomfield, Northglenn, Thornton, and Westminster; Rocky Flats Stewardship Council (RFSC)

Figure 6. Points of Evaluation

ROCKY FLATS LEGACY MANAGEMENT AGREEMENT

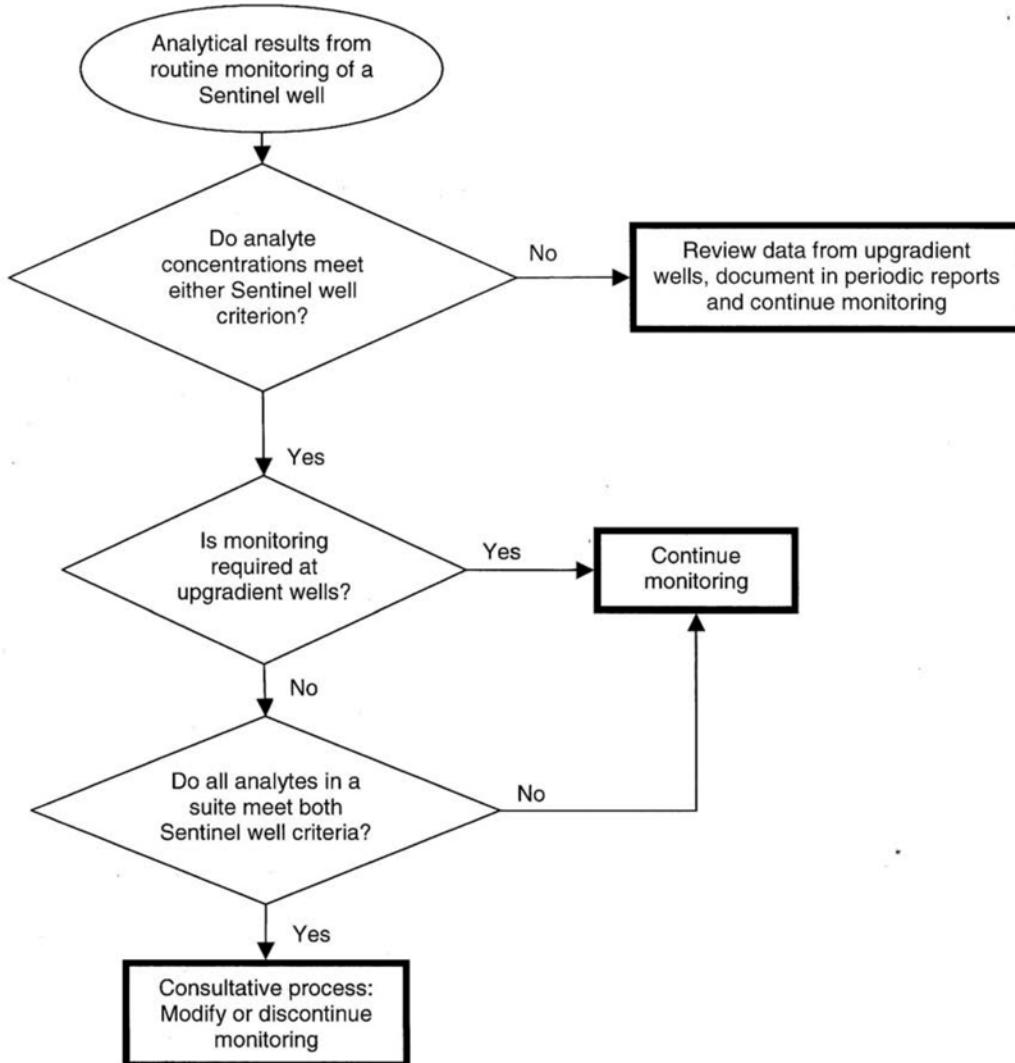


Notes: see Fig. 1 and Tables 1 and 2 for locations, standards, and sampling criteria.

- AOC wells and location SW018 are sampled twice each year; see Table 2.
- Boundary wells are sampled once each year; see Table 2. These wells are not part of the remedy, but are a component of operational monitoring.
- Decisions related to uranium in ground water are based upon a 16 ug/L threshold for Boundary wells (basis: the 11 pCi/L standard) and a 120 ug/L threshold for AOC wells (basis: a grand mean of results from Site-wide high-resolution uranium analyses performed in the late 1990s through mid-2000s), rather than the standard in Table 1.

Figure 7. Area of Concern Wells, Boundary Wells, and SW018

ROCKY FLATS LEGACY MANAGEMENT AGREEMENT



Notes: see Fig. 1 and Tables 1 and 2 for locations, standards, and sampling criteria.

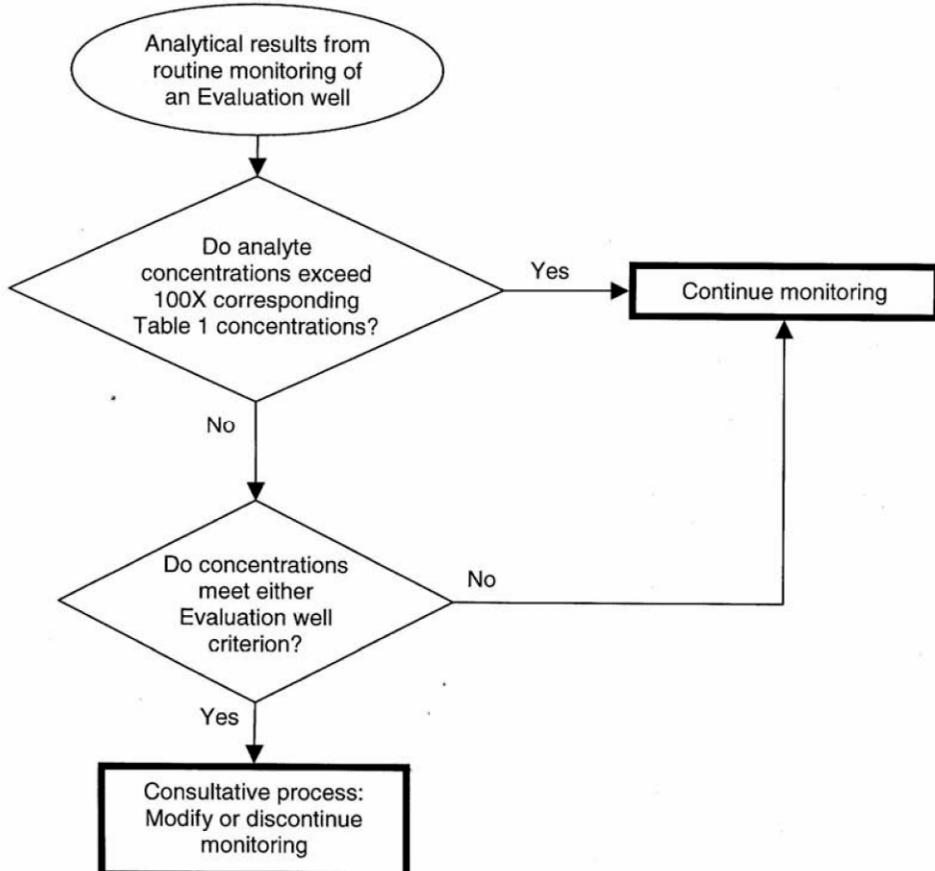
- Sentinel wells are sampled twice each year; see Table 2.
- Decisions related to uranium are based upon a 120 ug/L threshold for AOC wells (basis: a grand mean of results from Site-wide high-resolution uranium analyses performed in the late 1990s through mid-2000s), rather than the standard in Table 1.

Sentinel Well Criteria

1. The 85th percentile concentration of an analyte is *less than or equal to* the corresponding concentration in Table 1 or, for uranium, the 85th percentile concentration does not exceed 2x120 ug/L or the highest calendar year 2005 concentration, whichever is higher.
2. Analyte concentrations exhibit an indeterminate or statistically-significant *decreasing* trend at the 95% confidence level.

Figure 8. Sentinel Wells

ROCKY FLATS LEGACY MANAGEMENT AGREEMENT



Notes: see Fig. 1 and Tables 1 and 2 for locations, standards, and sampling criteria.

- Evaluation wells are listed in Table 2.

Evaluation Well Criteria:

- The 85th percentile concentration of an analyte is *less than or equal to* the corresponding concentration in Table 1, or, for uranium, 240 ug/L or highest pre-CY05 concentration, whichever is higher.
- Analyte concentrations exhibit an indeterminate or statistically-significant *decreasing* trend at the 95% confidence level.

Figure 9. Evaluation Wells

ROCKY FLATS LEGACY MANAGEMENT AGREEMENT

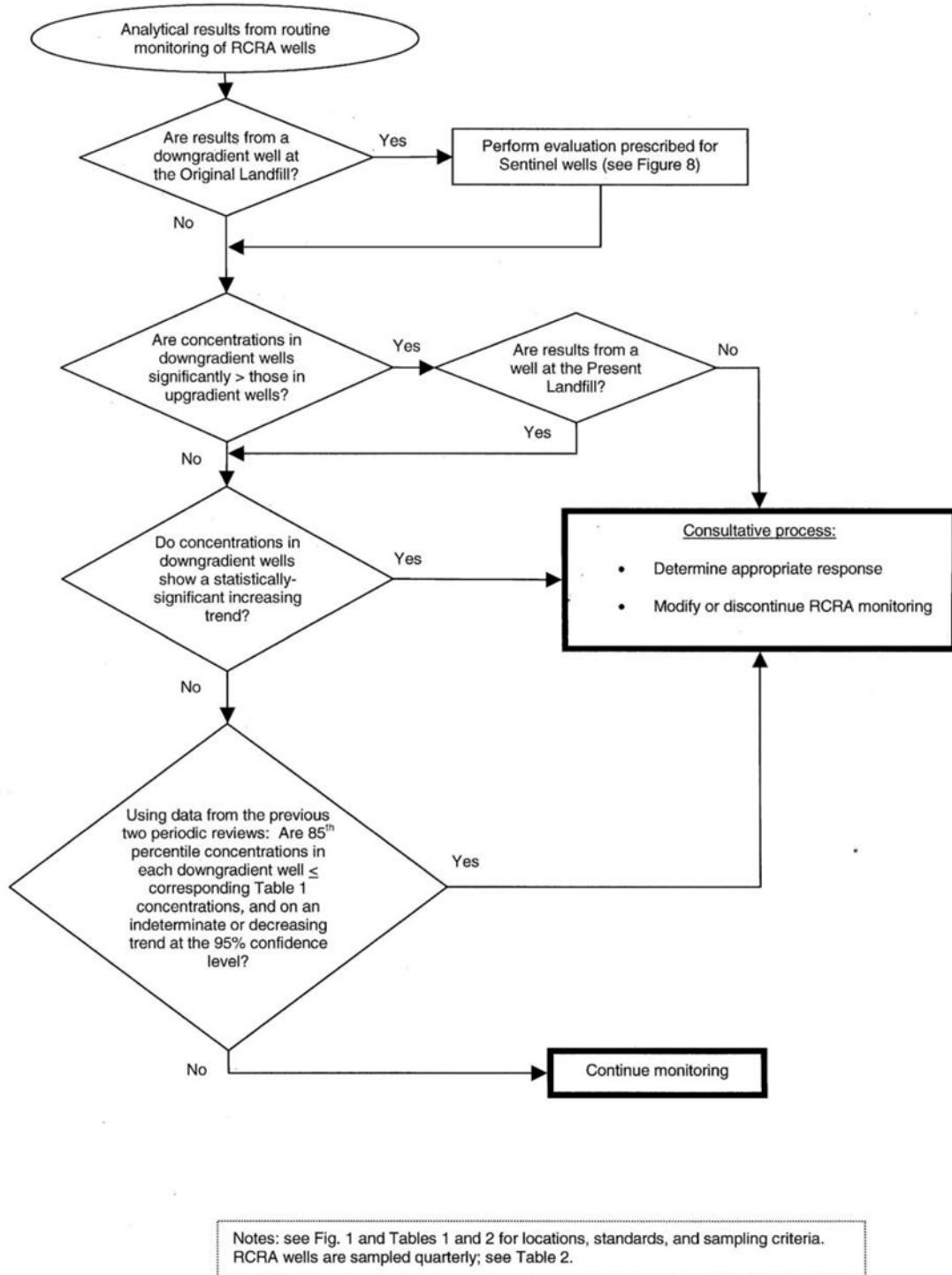


Figure 10. RCRA Wells

ROCKY FLATS LEGACY MANAGEMENT AGREEMENT

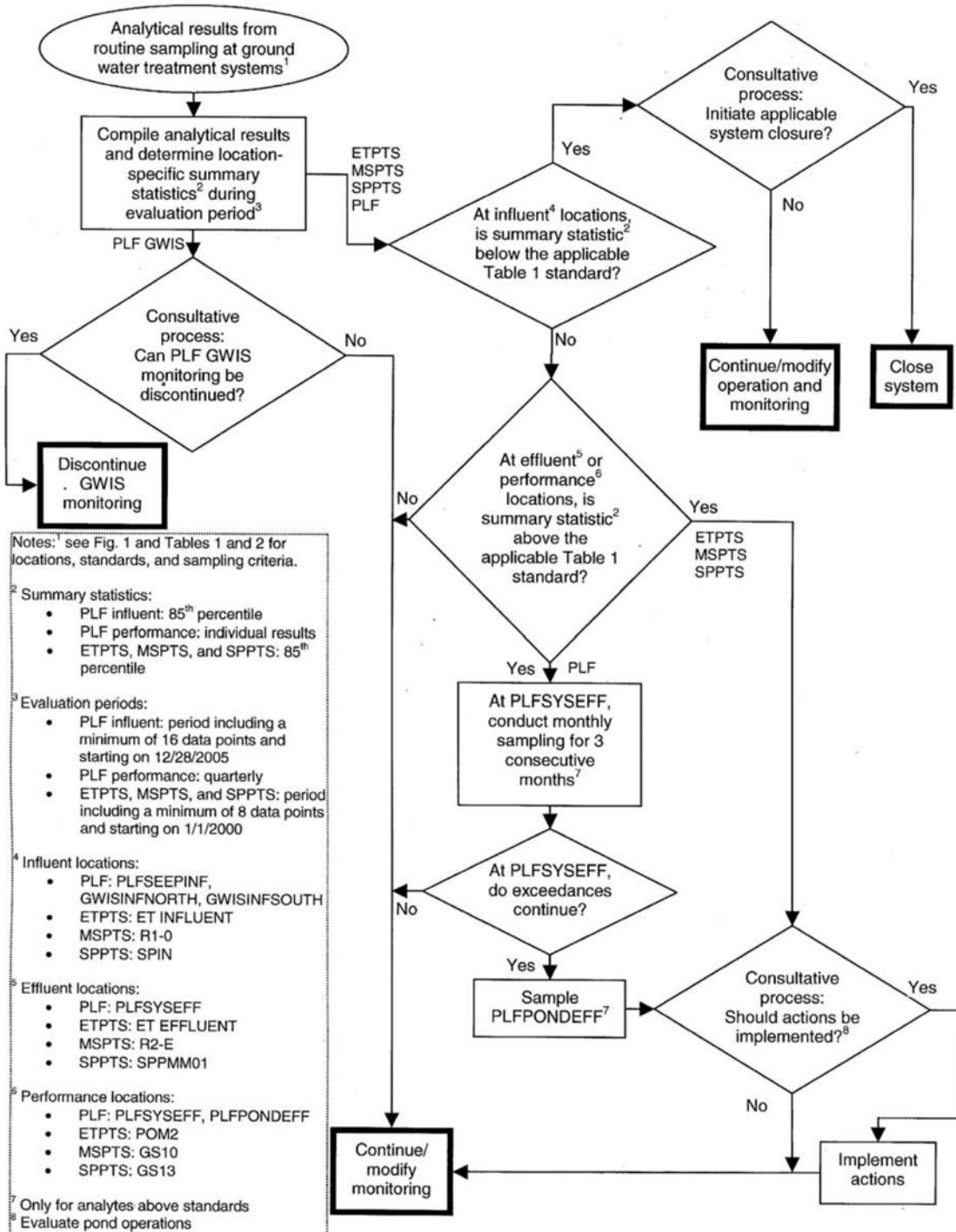


Figure 11. Groundwater Treatment Systems

ROCKY FLATS LEGACY MANAGEMENT AGREEMENT

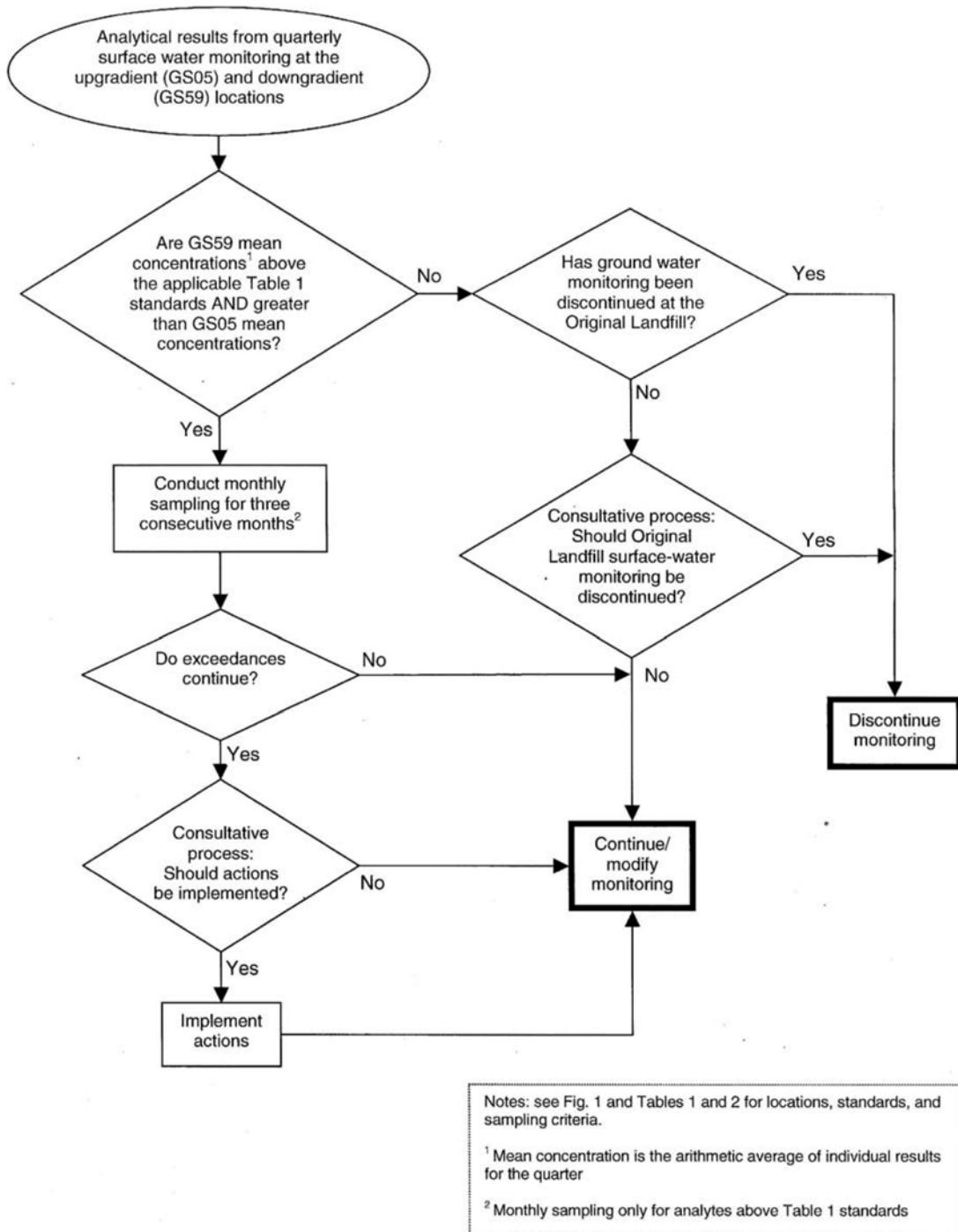


Figure 12. Original Landfill Surface Water

ROCKY FLATS LEGACY MANAGEMENT AGREEMENT

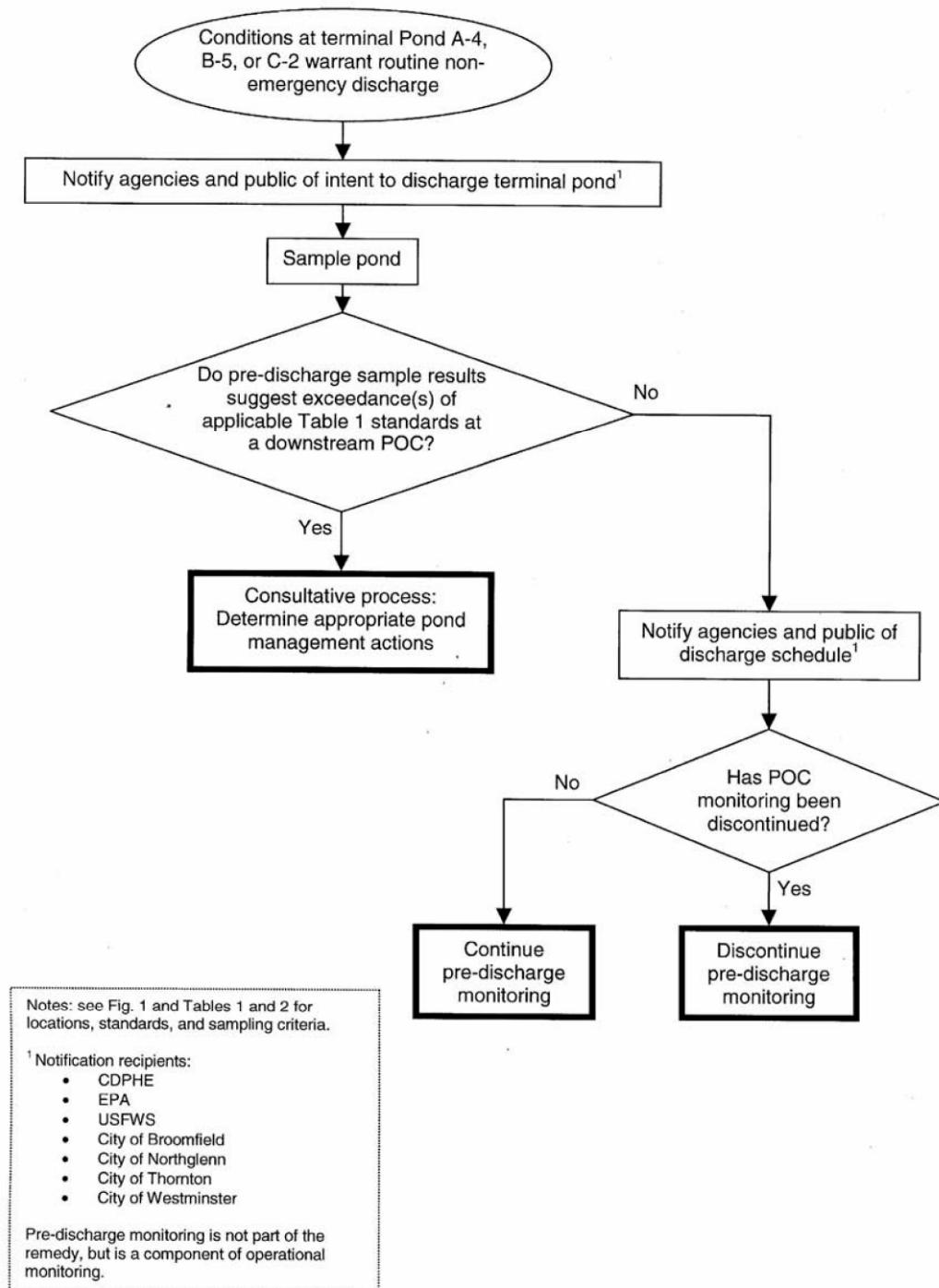


Figure 13. Pre-discharge Pond Sampling

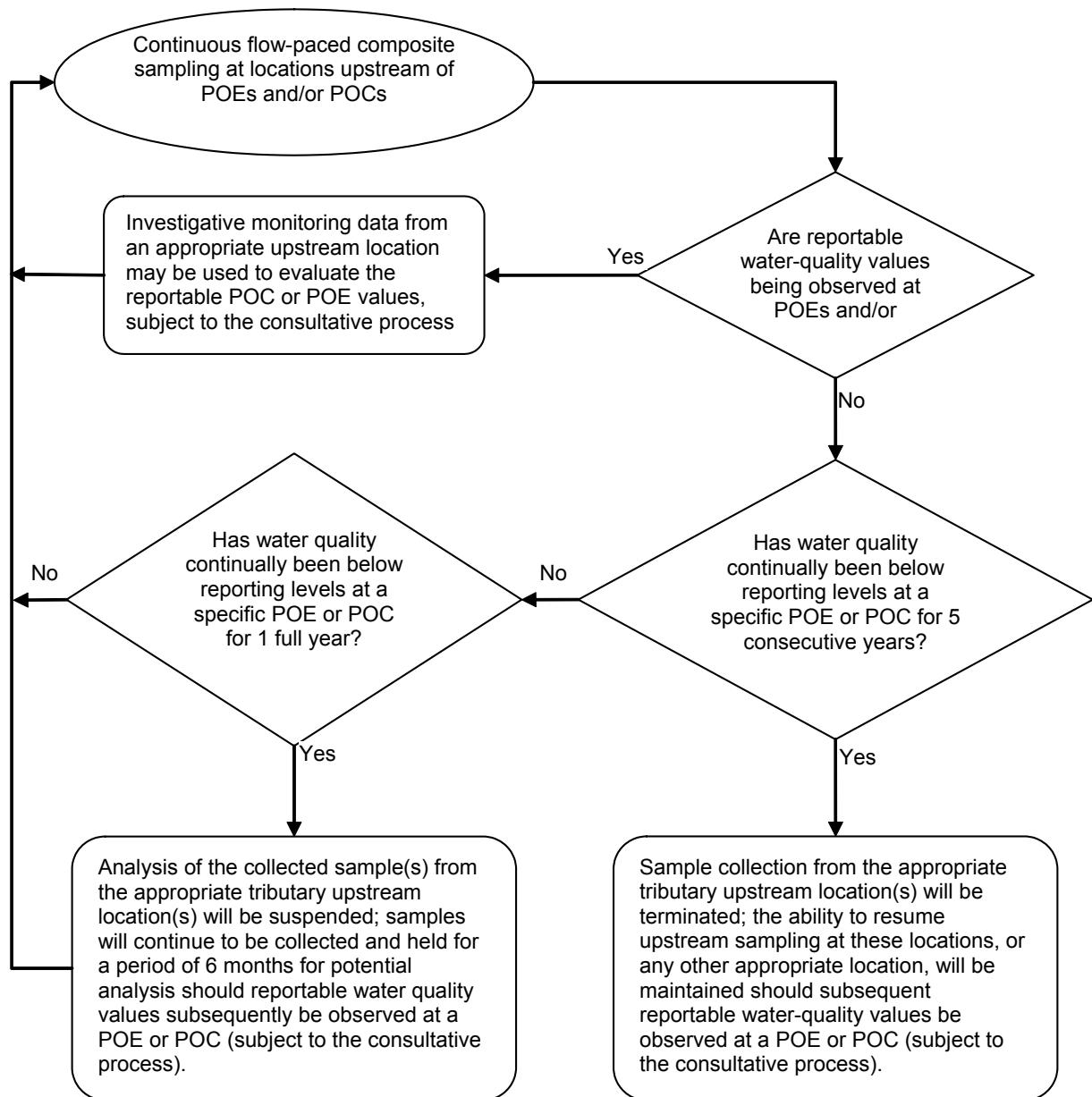
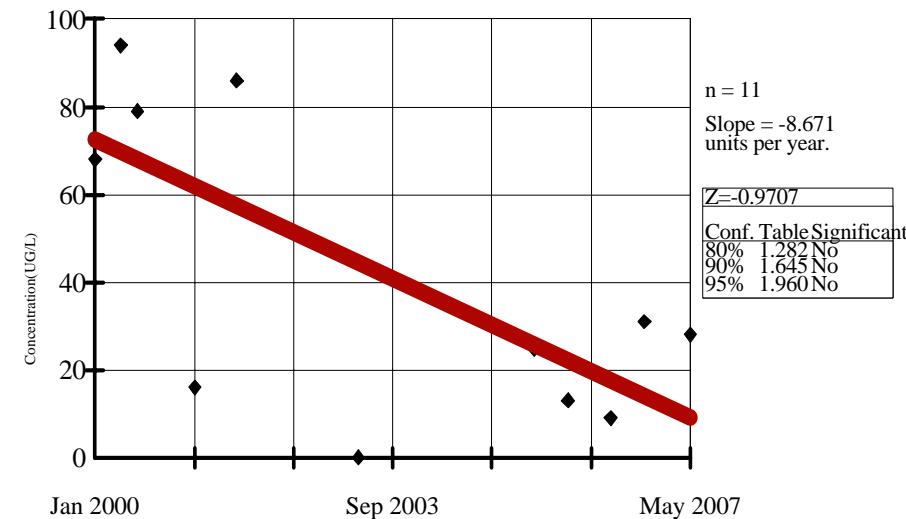


Figure 6-15. Investigative Monitoring Flowchart (from the RFSOG)

Appendix E

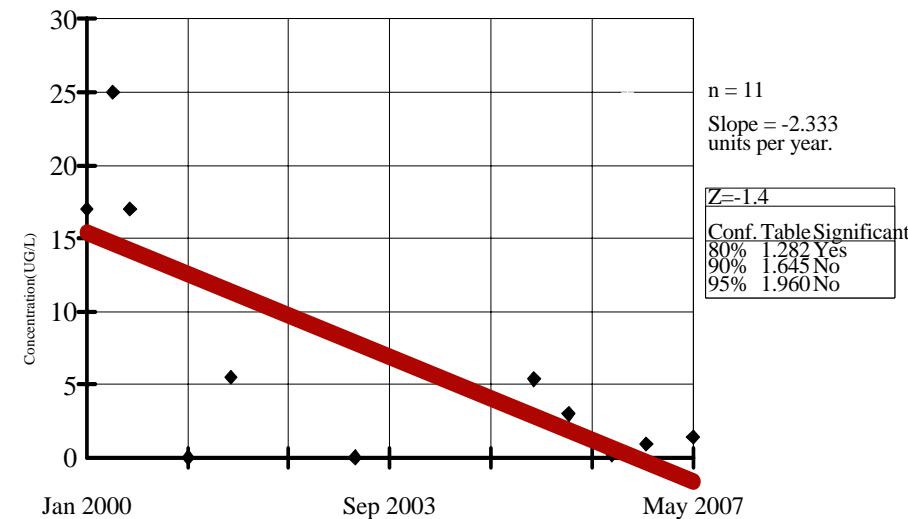
Seasonal Kendall Trend Plots

SEASONAL KENDALL SLOPE ESTIMATOR 15699



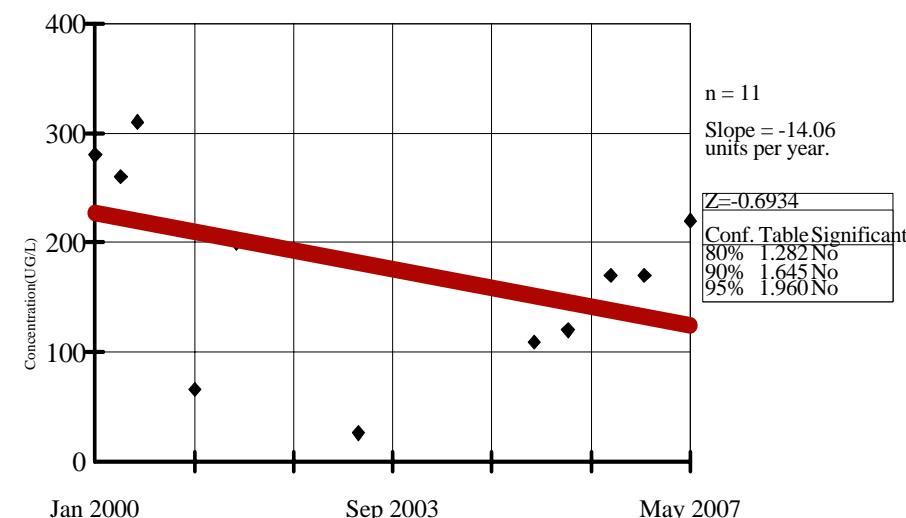
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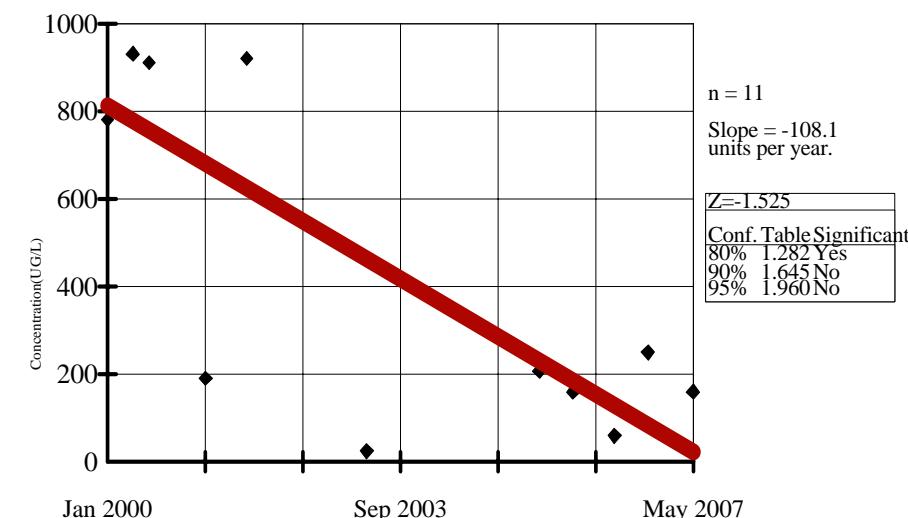
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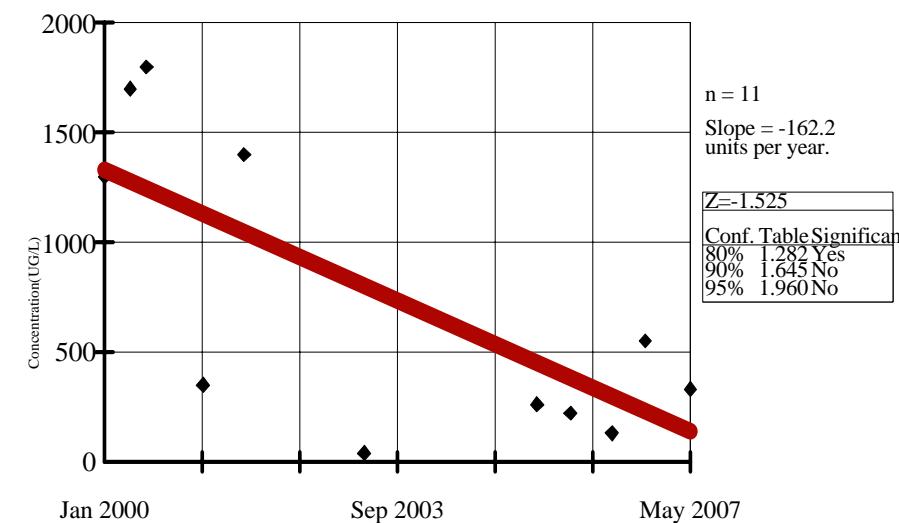
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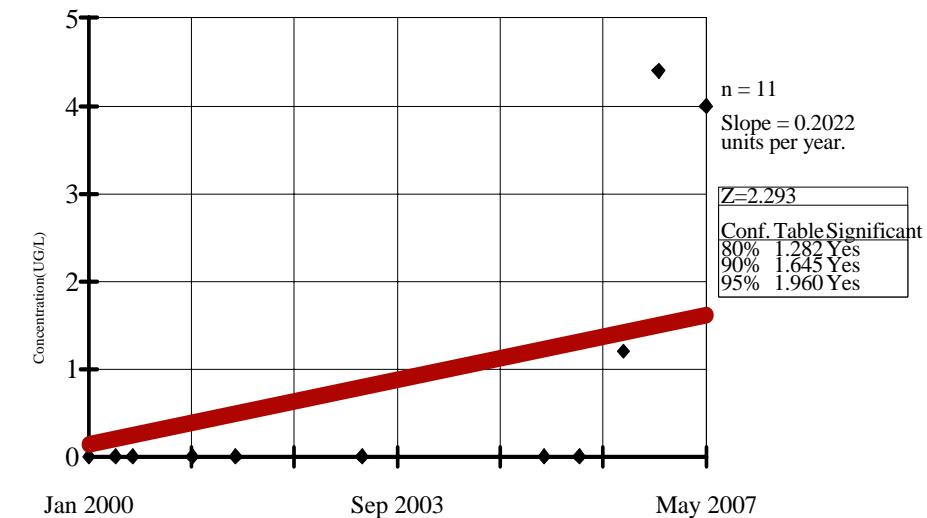
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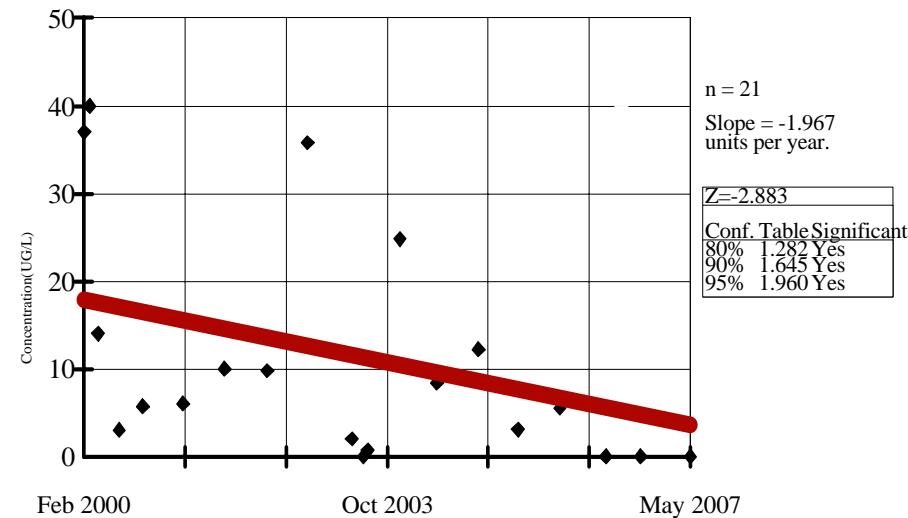
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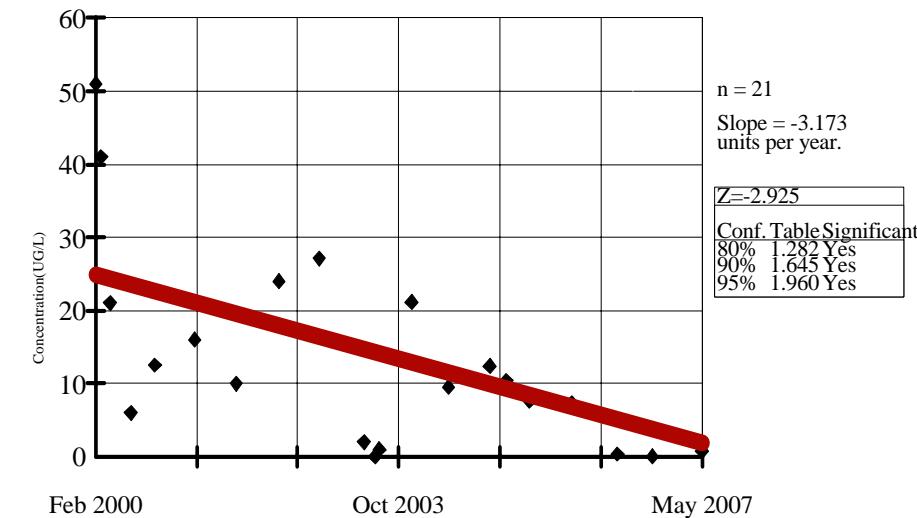
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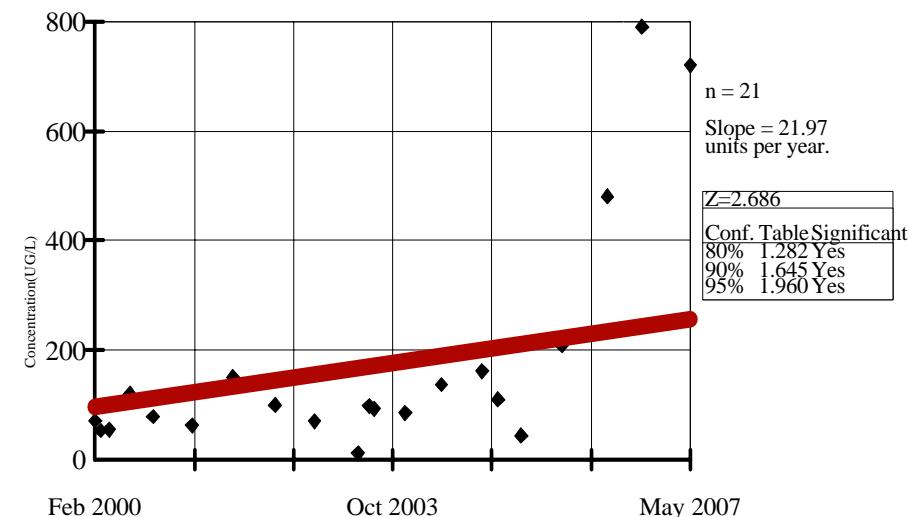
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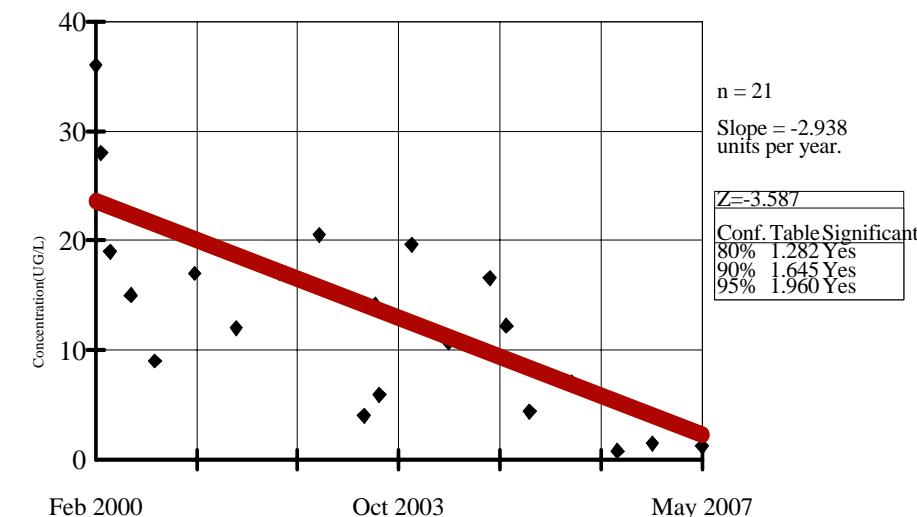
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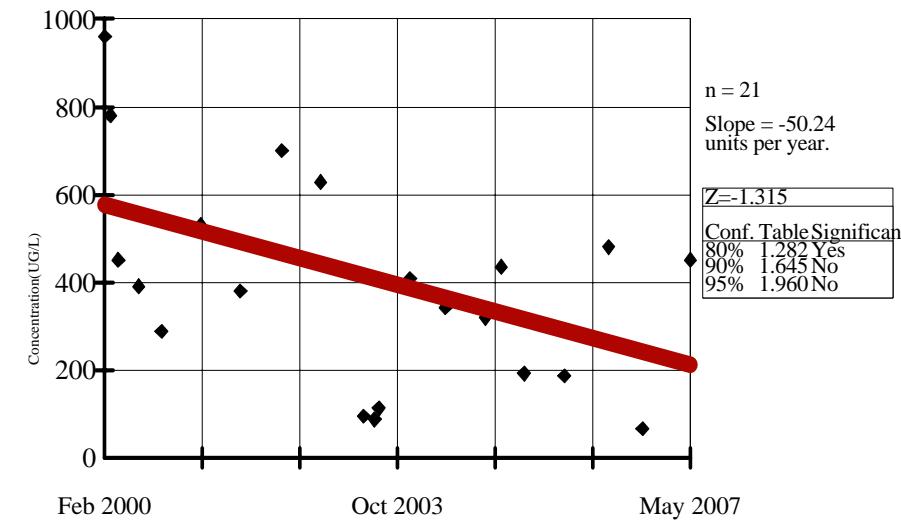
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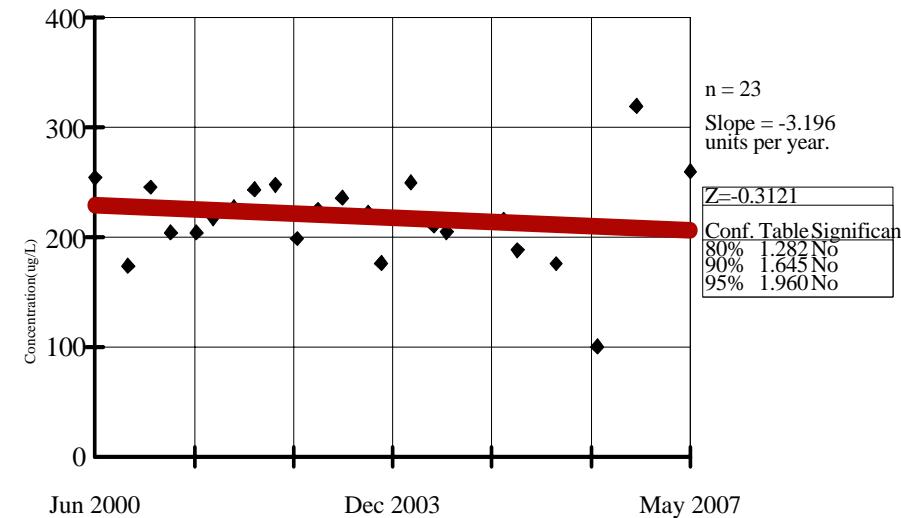


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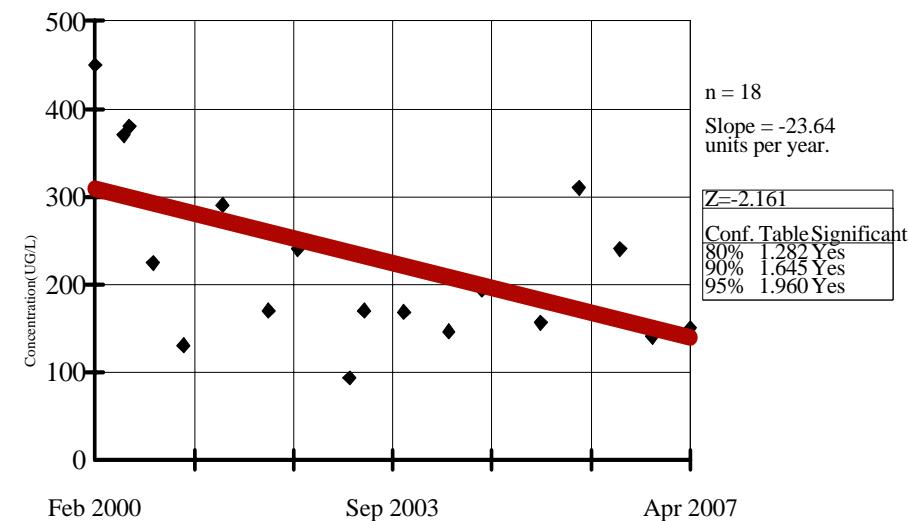


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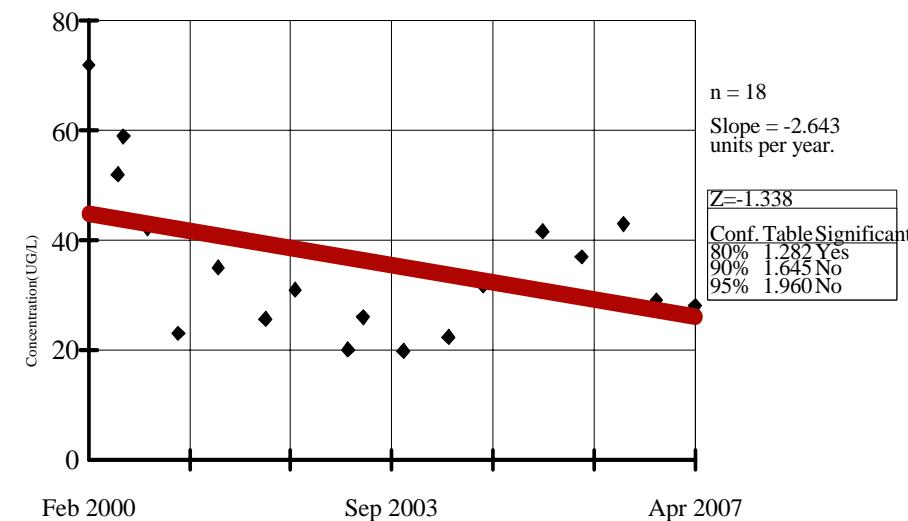


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SEASONAL KENDALL SLOPE ESTIMATOR 90399



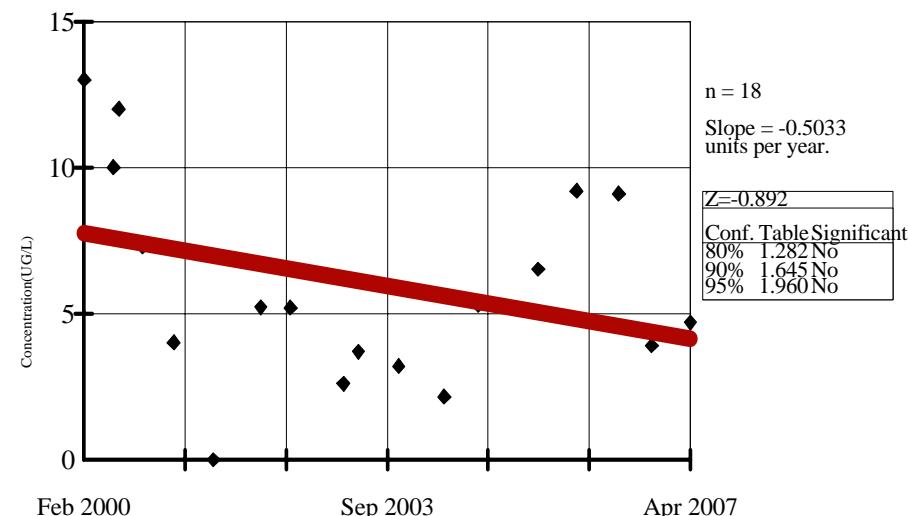
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v.8.7.009. For the statistical analyses of ground water by SM Stoller only. CAS# 127-18-4 EPA

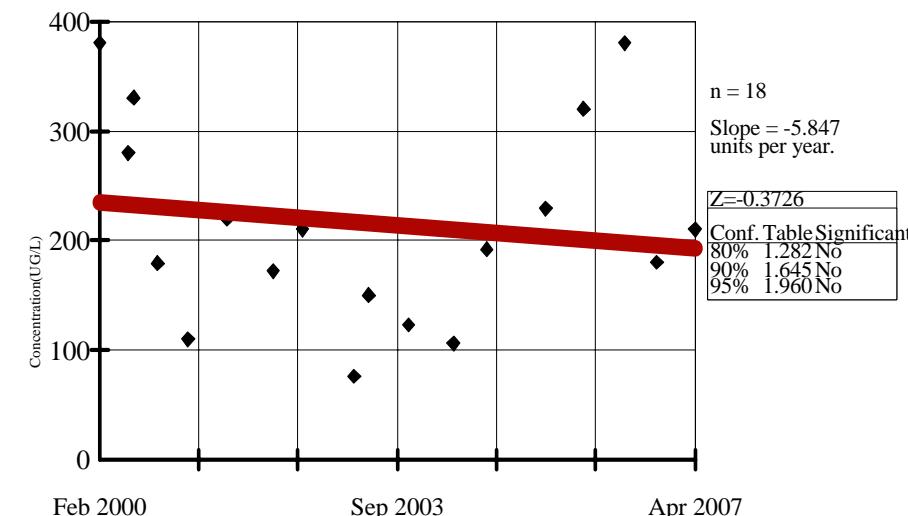
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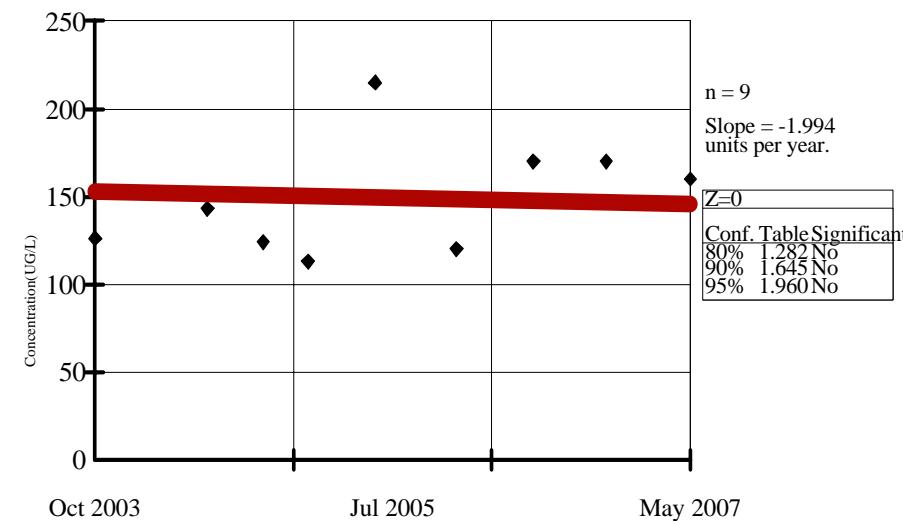
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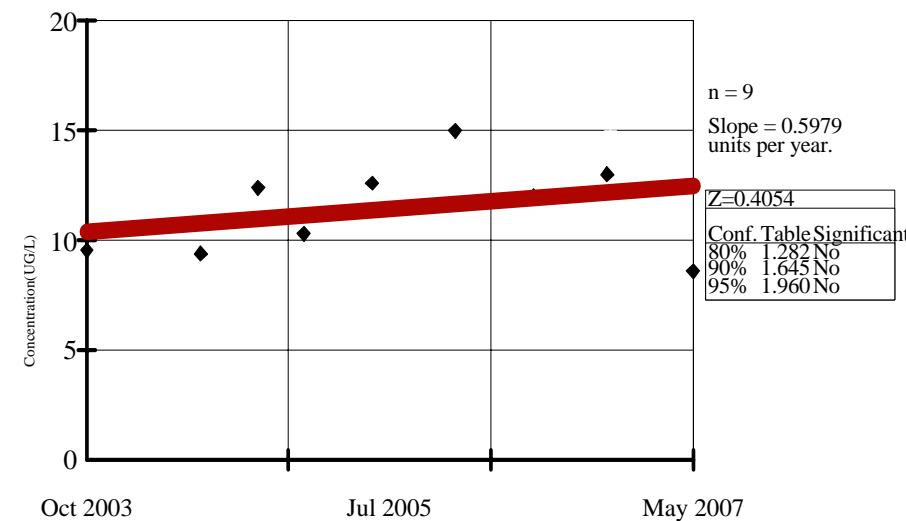
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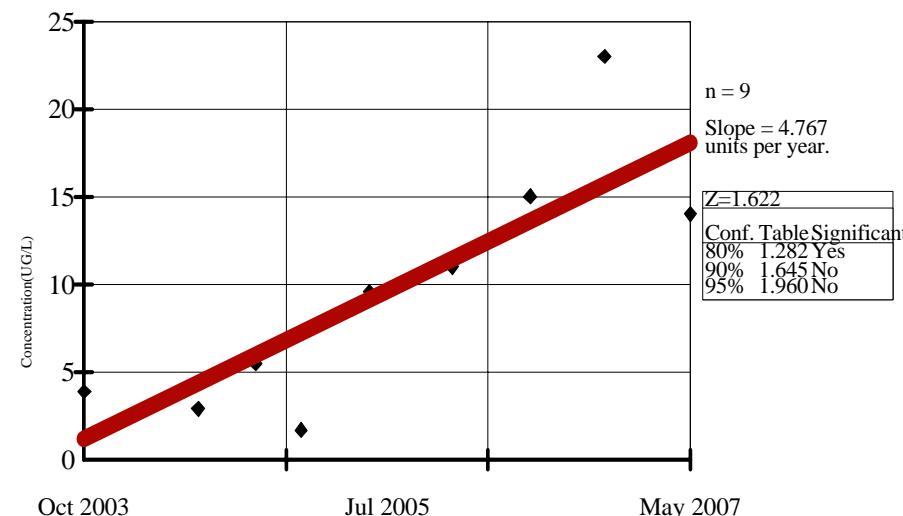
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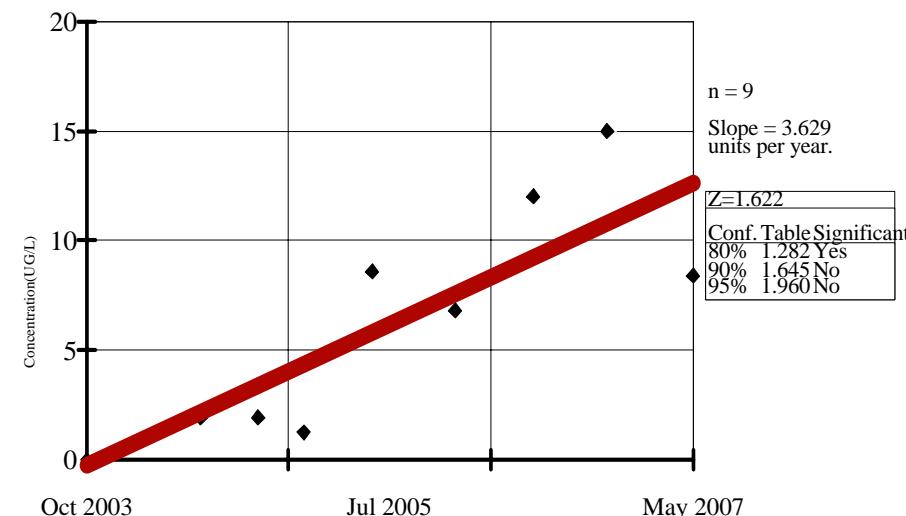
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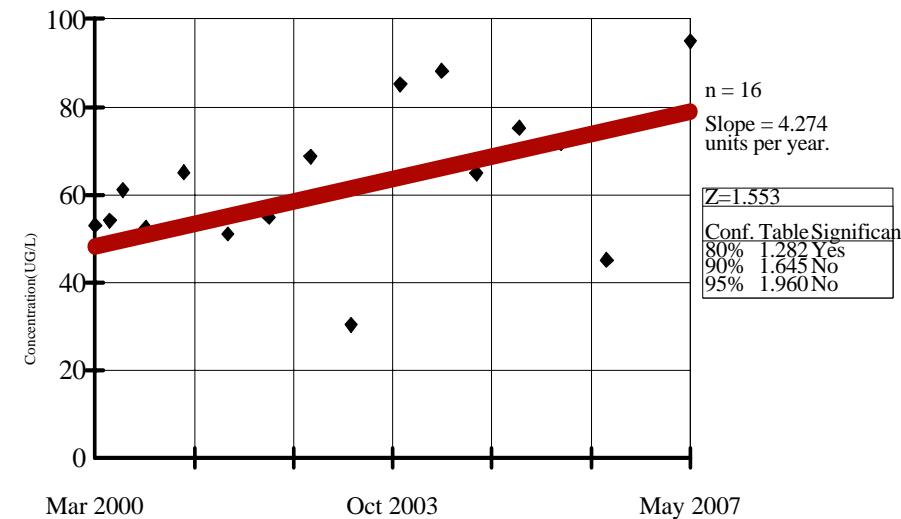
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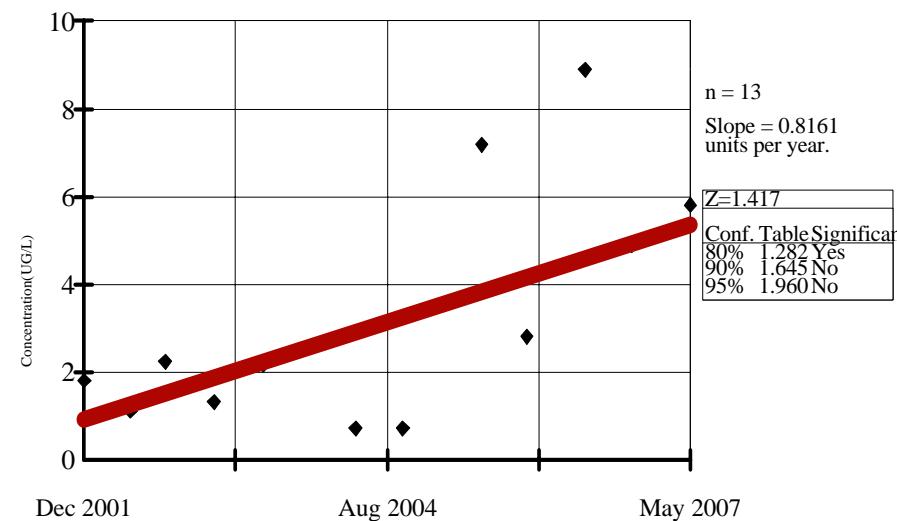
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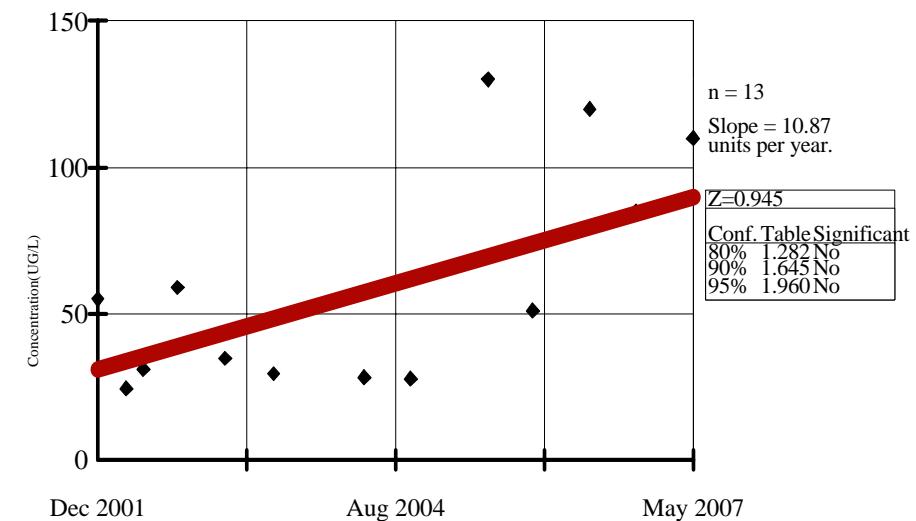
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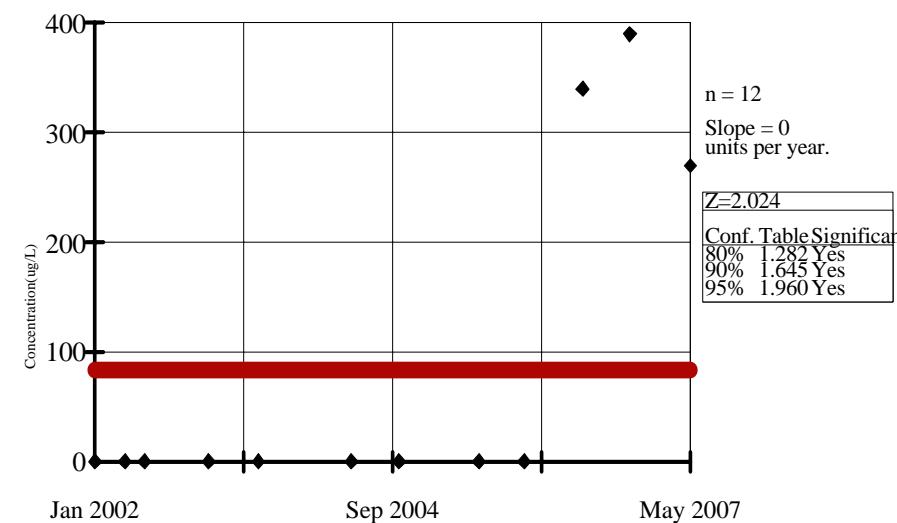
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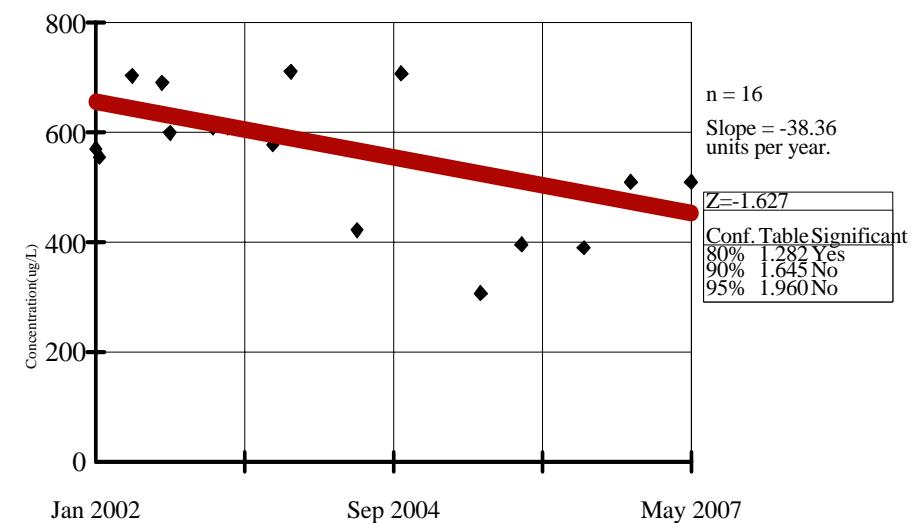
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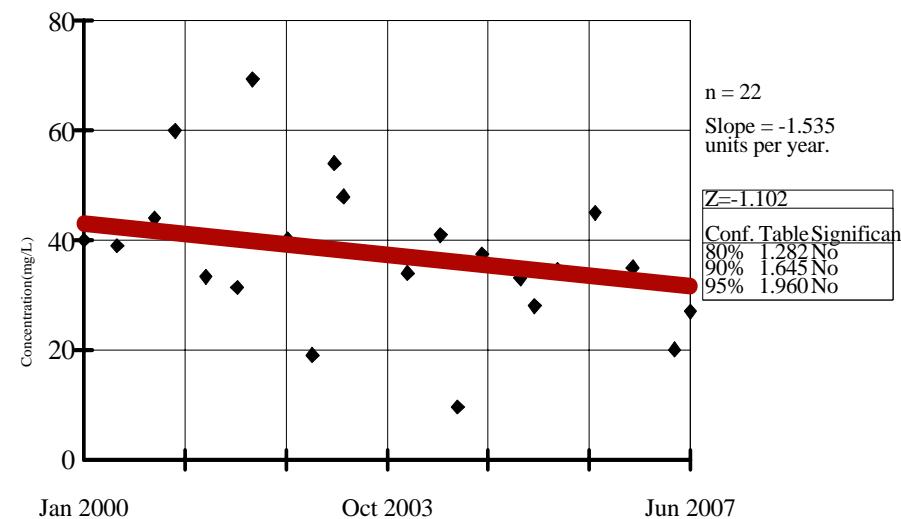
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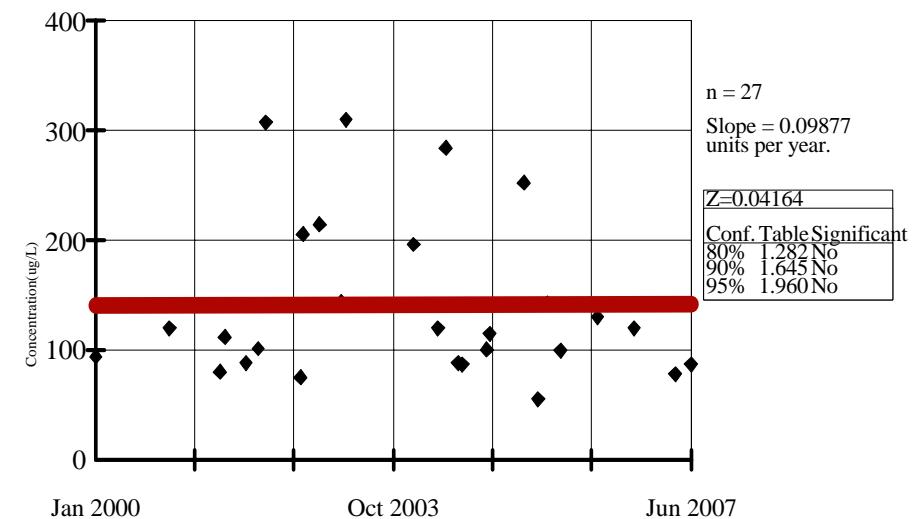


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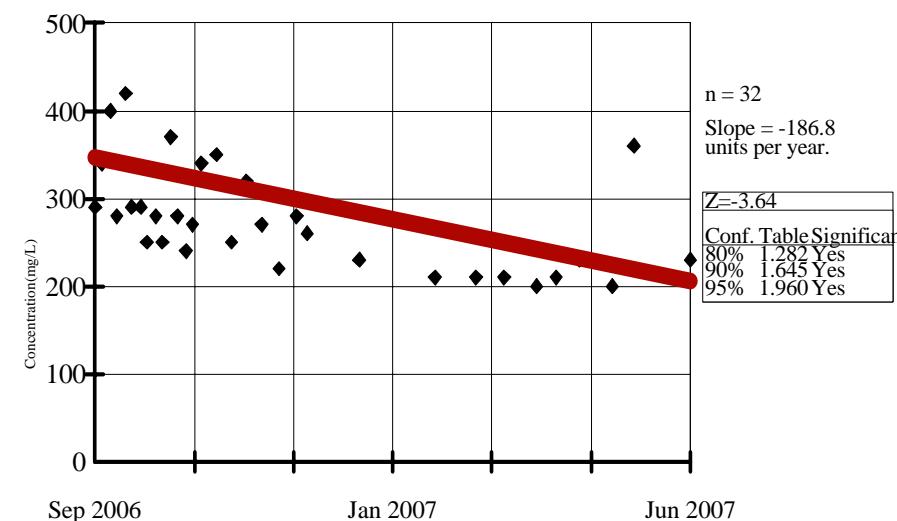
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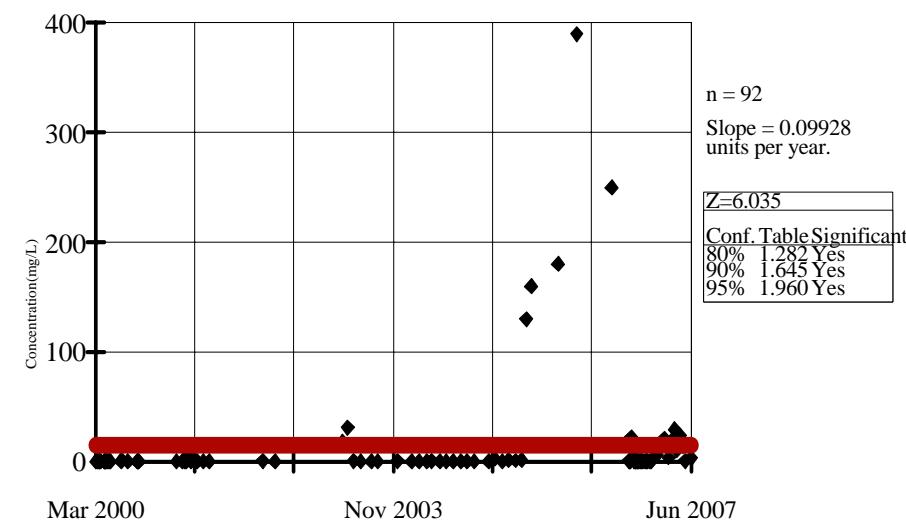
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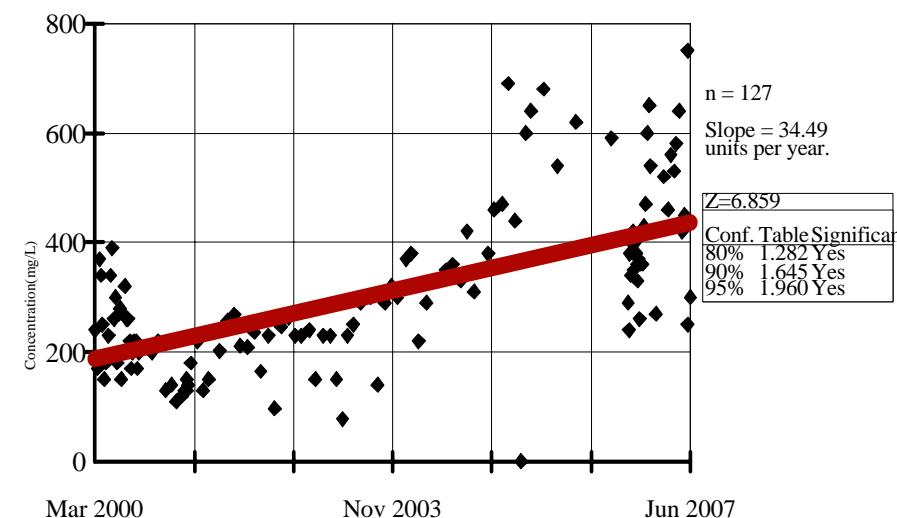
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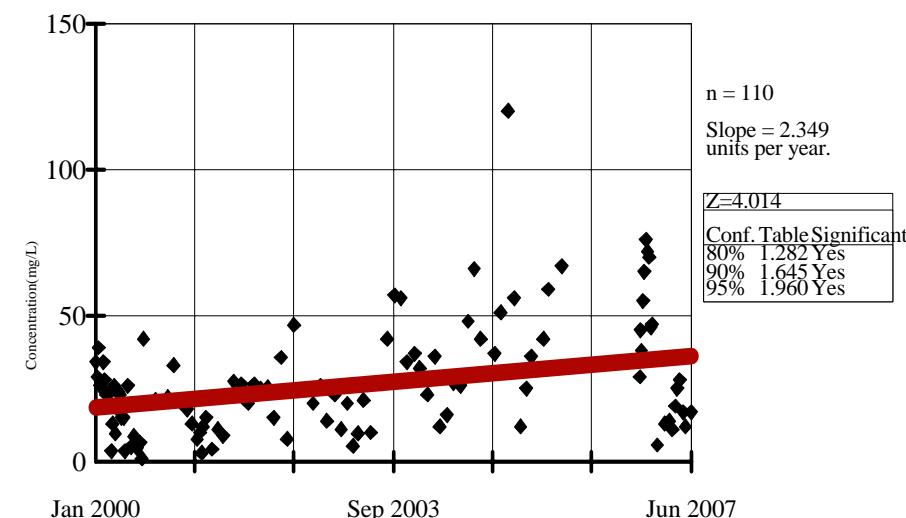
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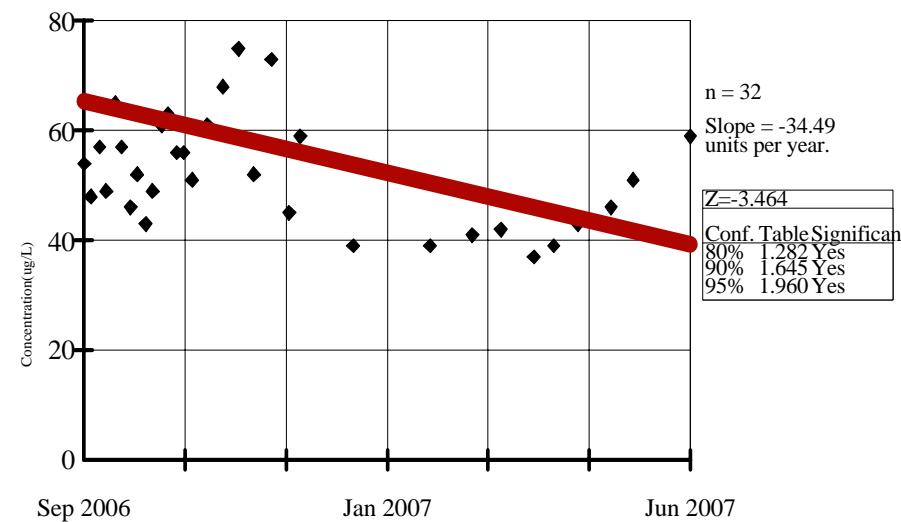
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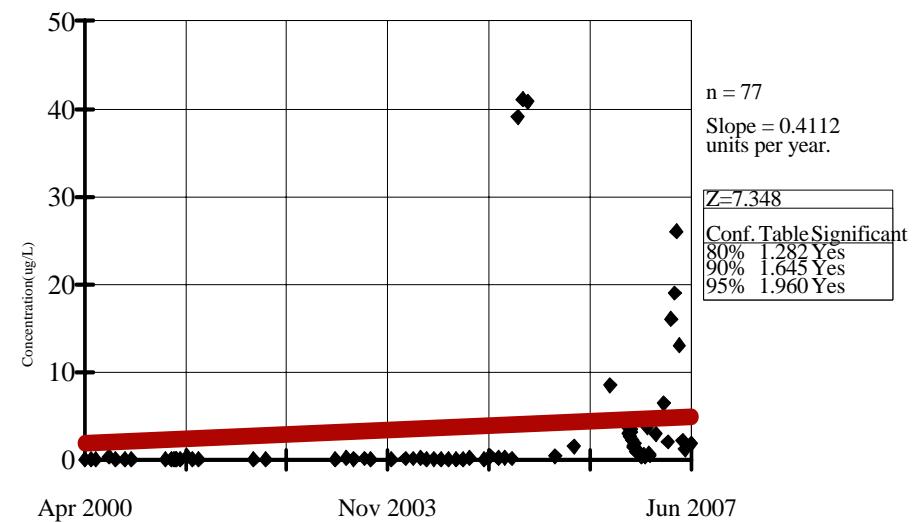


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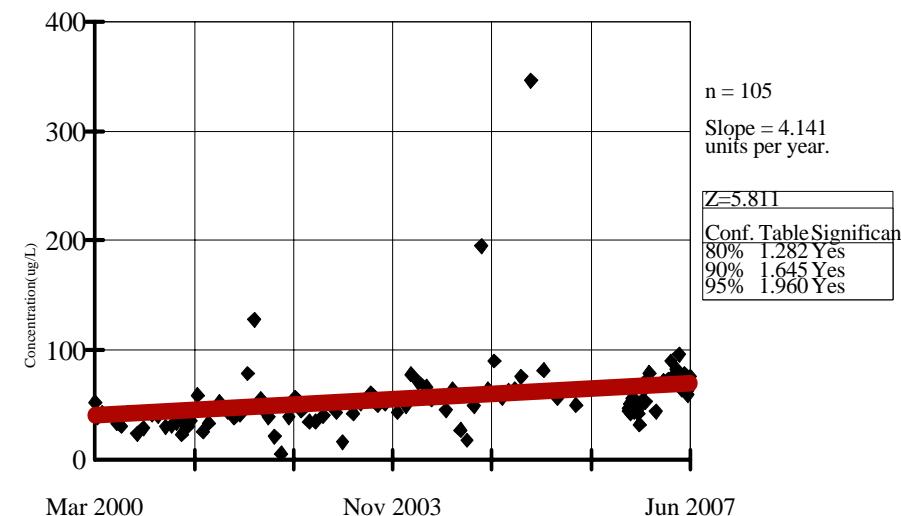
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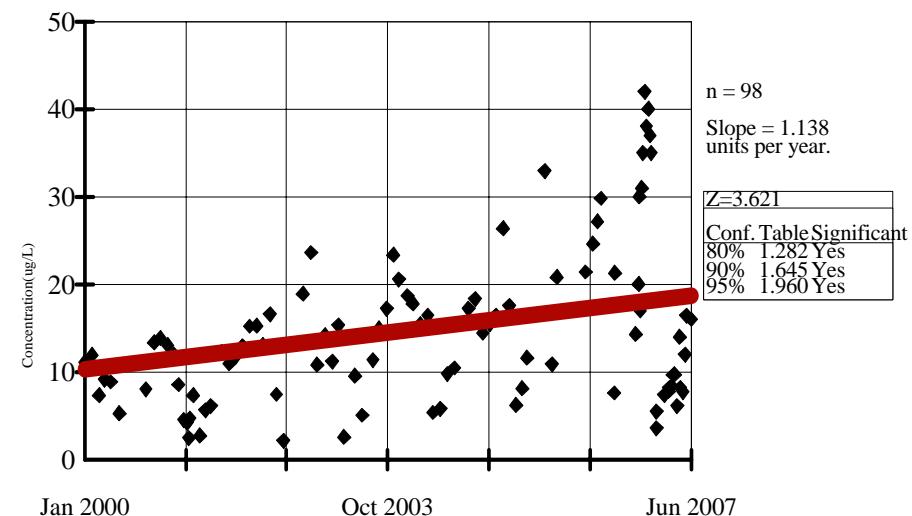
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